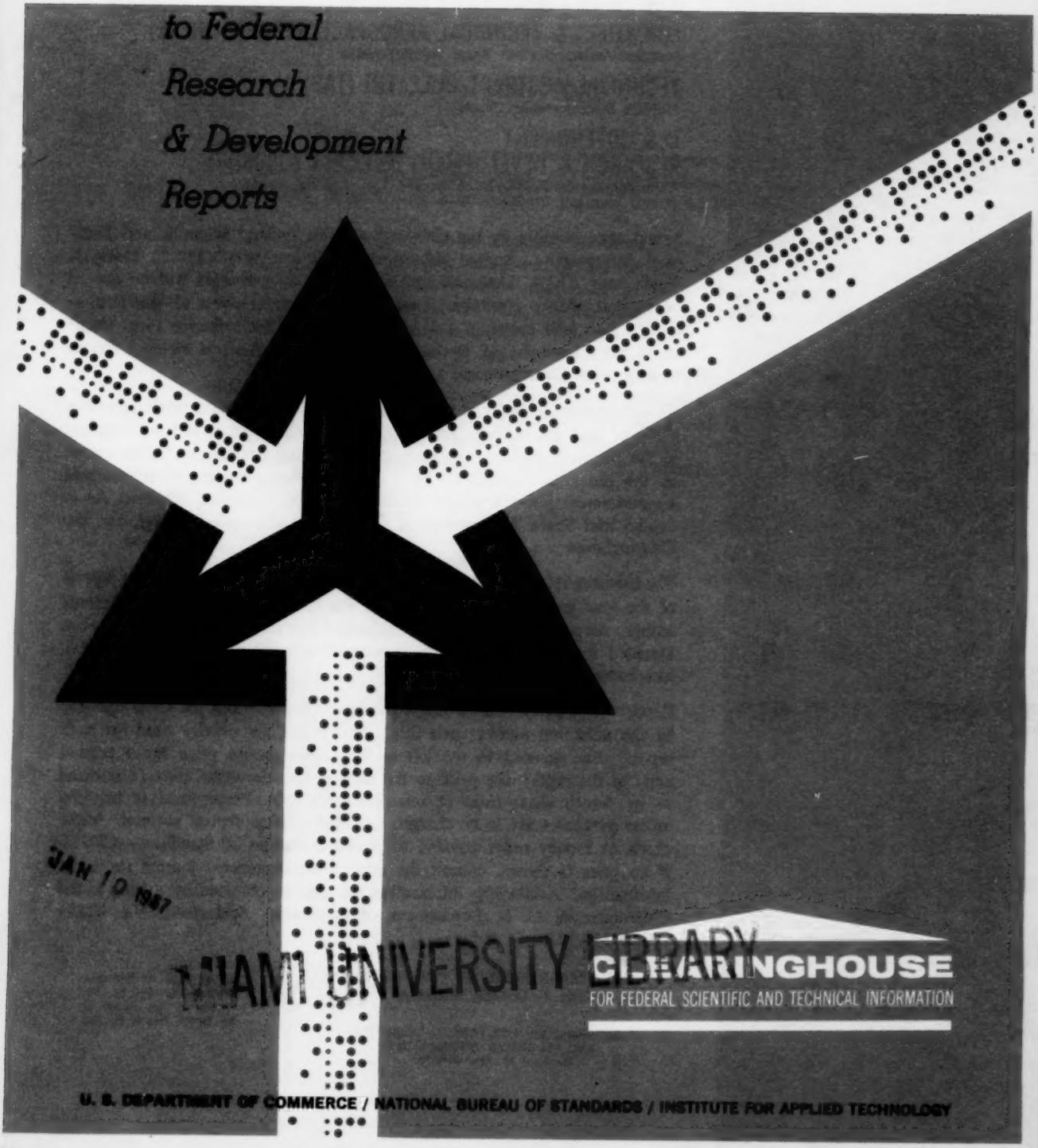
C 51.9 : 2/18

December 25, 1966

GOVERNMENT-WIDE INDEX

to Federal Research & Development Reports



JAN 10 1967
MIAMI UNIVERSITY LIBRARY

CLEARINGHOUSE
FOR FEDERAL SCIENTIFIC AND TECHNICAL INFORMATION

U. S. DEPARTMENT OF COMMERCE / NATIONAL BUREAU OF STANDARDS / INSTITUTE FOR APPLIED TECHNOLOGY

Government-Wide

INDEX TO FEDERAL RESEARCH AND DEVELOPMENT REPORTS

UNCLASSIFIED/UNLIMITED REPORTS ANNOUNCED IN

NUCLEAR SCIENCE ABSTRACTS (NSA)
Atomic Energy Commission

SCIENTIFIC & TECHNICAL AEROSPACE REPORTS (STAR)
National Aeronautics and Space Administration

TECHNICAL ABSTRACT BULLETIN (TAB)
Defense Documentation Center

U.S. GOVERNMENT
RESEARCH & DEVELOPMENT REPORTS (USGRDR)
Clearinghouse for Federal Scientific and Technical Information

Issued semi-monthly by the Clearinghouse for Federal Scientific and Technical Information. Annual subscription $22 per year ($27.50 foreign). Single copy $1.75. Domestic and foreign air mail charges will be quoted on request. Make remittance payable to National Bureau of Standards—CFSTI and mail either to a U. S. Department of Commerce Field Office or to the Clearinghouse, Springfield, Va. 22151. Address changes should be sent to the Clearinghouse.

PURPOSE

Government-Wide Index is published to satisfy a need for a single reference guide to new unclassified Government-sponsored research and development in the physical sciences, engineering, and related technology. It also serves as the index to *USGRDR*. It is compiled from records of the current announcement journals of the Atomic Energy Commission, National Aeronautics and Space Administration, Defense Documentation Center, and the Clearinghouse.

FORMAT

The indexing records related to Government research and development reports of the four journals are merged under the five indexes of subject, personal author, corporate author, accession/report number, and contract number. Detailed instructions for using each index are presented under "How To Use Indexes" following the foreword.

TO ORDER REPORTS

Reports with prices shown can be ordered directly from the Clearinghouse by the accession number and title. Two prices are usually cited for each report. The amount to the left is the Clearinghouse price for a printed copy of the report; the price to the right is for microfiche copy (a unitized 4- by 6-inch sheet form of microphotography). Prepayment is required unless purchases are to be charged to Clearinghouse deposit account. Make check or money order payable to National Bureau of Standards—CFSTI. If no price is shown, consult the original announcement journal for order information. Availability information can also be obtained by writing to the Clearinghouse, U. S. Department of Commerce, Springfield, Va. 22151 (Code 410.12).

U.S. DEPARTMENT OF COMMERCE
John T. Connor, Secretary

CLEARINGHOUSE FOR FEDERAL SCIENTIFIC AND TECHNICAL INFORMATION
Bernard M. Fry, Director

Use of funds for this publication approved by the Director of the Bureau of the Budget, January 27, 1965

FOREWORD

Government-Wide Index to Federal Research & Development Reports provides a guide to unclassified reports of Government-sponsored research and development listed in four announcement journals issued by Federal agencies.

It is impossible at this time to eliminate all format errors, inconsistencies or duplications in the cataloging and indexing, but the agencies are attempting to correct as many exceptions at the source as possible. These agencies are working with a task group of the Committee on Scientific and Technical Information to develop improved standards.

The Clearinghouse is striving to improve the content and format of *Government-Wide Index* so that it will become increasingly valuable to the general public as a reference tool and order guide. Comments and suggestions for improvement are invited and should be directed to the Clearinghouse for Federal Scientific and Technical Information (Code 410.40), U. S. Department of Commerce, Springfield, Va. 22151.

HOW TO USE

The access points to technical reports listed in this index include:

- Subject
- Personal Author
- Corporate Author
- Contract Number
- Accession/Report Number

Each index is arranged alphnumerically (that is, alphabetical data precedes numerical data). A typical entry is as follows:

ACOUSTIC EQUIPMENT(a)
INSTRUMENT FOR ACOUSTIC AND VIBRATION MEASUREMENTS.(b)
AD–627 041(c) 20A(d) T 66 05(e) HC$ 3.00 MF$ 0.75(f)

(a) Index entry.

(b) Title of report.

(c) Accession/report number—that number used by the announcing agency to uniquely identify the report. Use THIS number and title when ordering documents from the Clearinghouse.

(d) Field/group designation.

(e) Code for journal, volume, and issue number in which the report is announced and abstracted.

U—U. S. Government Research & Development Reports, Clearinghouse for Federal Scientific and Technical Information.

T—Technical Abstract Bulletin, Defense Documentation Center of the Department of Defense.

N—Nuclear Science Abstracts, Atomic Energy Commission.

S—Scientific and Technical Aerospace Reports, National Aeronautics and Space Administration.

(f) Clearinghouse prices for hardcopy (HC) and microfiche (MF).

INDEXES

SAMPLES

● SUBJECT INDEX

Entries are arranged by the subject terms assigned by the contributing agency (this means "asterisked" descriptors for USGRDR entries, subject headings for STAR and NSA). The subject term appears at the beginning of each entry. The title of the report is indented below the subject term. For NSA entries, the "modifier" which is assigned by AEC is used in place of the title. The "accession number" line giving field/group, journal, and price information for the report follows the last line of the title. If two or more reports are indexed under the same subject term, they are listed in accession number sequence under the term (separated by a blank line). If two or more reports under a subject term have identical titles, the title is printed once and the different accession number lines are printed below the title.

```
ALKALINE CELLS, STORAGE BATTERIES
  DEVELOPMENT OF THE SEALED ZINC-SILVER OXIDE SECONDARY
  BATTERY SYSTEM.
  AD-499 798                          10C U 91 09 HC$ 3.00

  AD-497 834                          10C U 91 09 HC$ 3.00
    .
    .
    .
GUIDED MISSILES, RELIABILITY
  RELIABILITY MEASUREMENTS IN GUIDED MISSILES,
  AD-626 799                          16D T 66 09 HC$ 2.00 MF$ 0.90

  ELIMINATION OF SUBSTANDARD PARTS BY ENVIRONMENTAL TESTING.
  AD-626 842                          16D T 66 09 HC$ 1.00 MF$ 0.90
```

● PERSONAL AUTHOR INDEX

Entries are arranged by personal author, editor, or compiler. The names are presented last name first. Title of the report (or reports) is indented below the author's name. The "accession number" line follows the title. Certain anomalies occur when sorting by computer. While true for all indexes in this journal, they are most noticeable in the Personal Author Index. The requirements of a computer sort cause "JOHNS, J.I." to appear after "JOHNSON, F.X." (the comma sorts after the O in son"), but "SMITH-JONES, A.B." will appear ahead of "SMITHERS, P.P." (the hyphen sorts ahead of the E in SMITHERS).

```
ADEL, ARTHUR
  EFFECTIVE RADIATION TEMPERATURES OF THE OZONOSPHERE OVER NEW
  MEXICO.
  AD-626 690                          9A T 66 09 HC$ 2.00 MF$ 0.90

ADEN, A. L.
  BACK-SCATTERING OF ELECTROMAGNETIC WAVES FROM SPHERES AND
  SPHERICAL SHELLS,
  AD-626 688                          20N T 66 09 HC$ 2.00 MF$ 0.90
```

● CORPORATE AUTHOR

Entries are arranged by the corporate author of each report as catalogued by the contributing agency. Title of the report (or reports) is identified below the corporate author and the "accession number" line follows the title. Some inconsistencies appear. However, as the new corporate authority list prepared by the President's Council on Scientific and Technical Information (COSATI) comes into general use among the contributing agencies, it is expected that all entries for a given organization will appear under a common heading in this index.

```
BATTELLE-NORTHWEST, RICHLAND, WASH. PACIFIC NORTHWEST LAB.
  PROMETHIUM ISOTOPIC POWER DATA SHEETS,
  BNWL-C-45                           18N U 91 09 HC$ 1.00 MF$ 0.90

  SELECTIVE AND SENSITIVE ANALYSIS OF ACTIVATION PRODUCTS BY
  MULTIDIMENSIONAL GAMMA RAY SPECTROMETRY,
  BNWL-SA-137                         18G U 91 09 HC$ 2.00 MF$ 0.90
A STUDY OF TUNGSTEN-TECHNETIUM ALLOYS.
BNWL-191                              11F U 91 09 HC$ 1.00 MF$ 0.90

BNWL-192                              11F U 91 09 HC$ 1.00 MF$ 0.90
```

● CONTRACT NUMBER INDEX

Entries are arranged alphnumerically by contract number and by grant number. Accession numbers appear in sequence with field/group, journal, and price information indented below the appropriate contract or grant number. Report titles are not included in this index.

```
CONTRACT AF04(695)-269
  AD-499 404                          22C U 91 09 HC$ 6.00
CONTRACT AF04(695)-917
  AD-626 745                          22D T 66 09 HC$ 7.00 MF$ 1.75
  AD-626 746                          22D T 66 09 HC$ 6.00 MF$ 1.25
  AD-626 747                          22D T 66 09 HC$ 7.70 MF$ 2.00
  AD-626 748                          22D T 66 09 HC$ 9.00 MF$ 1.00
  AD-626 749                          22D T 66 09 HC$ 6.00 MF$ 1.25
CONTRACT AF19(122)-98
  AD-626 678                          9B T 66 09 HC$ 3.00 MF$ 0.75
    .
    .
    .
GRANT PHS-MH-10382
  PB-169 002                          6C U 91 09 HC$ 1.00 MF$ 0.90
  PB-169 003                          6C U 91 09 HC$ 1.00 MF$ 0.90
GRANT PHS-PH-43-64-496
  PB-168 936                          6L U 91 09 HC$ 2.00 MF$ 0.90
```

● ACCESSION/REPORT NUMBER INDEX

Entries are arranged alphnumerically by accession number assigned by the contributing agency and by technical report and monitoring agency number. Some reports have more than one number. All reports covered in this index are represented by at least one unique number. Accession numbers appear in sequence with field/group, journal, and price information on the same line; other numbers associated with the report appear in sequence followed by an indented "accession number" line. Report titles are not included in this index.

```
ANL-7082                              18I U 91 09 HC$ 3.00 MF$ 0.75
ANL-7089                              18D U 91 09 HC$ 1.00 MF$ 0.90
APA-PSIEP-10-19
  PB-169 009                          9J U 91 09 HC$ 6.00 MF$ 1.90
APDA-168                              18J U 91 09 HC$ 2.00 MF$ 0.90
APL/JHU-TG-249-3
  PB-169 129                          16D U 91 09 HC$ 2.00 MF$ 0.90
ARL 69-129
  AD-626 938                          20I T 66 09 HC$ 4.00 MF$ 0.75
ARL 69-139
```

GOVERNMENT-WIDE INDEX TO FEDERAL R AND D REPORTS
Volume 2 Number 18

Indexed in this issue are unclassified reports of Government-sponsored research and development announced in the following journals:

SCIENTIFIC AND TECHNICAL AEROSPACE REPORTS (STAR)	Vol. 4, No. 19 and 23
TECHNICAL ABSTRACT BULLETIN (TAB)	66-24
U. S. GOVERNMENT RESEARCH AND DEVELOPMENT REPORTS (USGRDR)	Vol. 41, No. 24

★ ★ ★ ★ ★ ★ ★ ★ ★ ★ ★ ★ ★

CONTENTS

SUBJECT INDEX 1-85
(White Pages)

PERSONAL AUTHOR INDEX 87-139
(Green Pages)

CORPORATE AUTHOR INDEX 141-170
(Buff Pages)

CONTRACT NUMBER INDEX. 171-177
(Salmon Pages)

ACCESSION/REPORT NUMBER INDEX . . . 179-200
(Blue Pages)

SUBJECT INDEX

ABIOGENESIS
PORPHINE-LIKE SUBSTANCES. III - SYNTHESIS BY ELECTRICAL DISCHARGE.
N66-33374 6A S04 19 HC$ 1.00 MF$ 0.50

ABLATING MATERIAL
PRELIMINARY EVALUATION OF A NUMBER OF ABLATIVE HEAT-SHIELD MATERIALS EXPOSED TO COMBINED RADIATIVE AND CONVECTIVE HEATING.
N66-33307 20M S04 19 HC$ 3.00 MF$ 0.75

EVALUATION OF SEVERAL SILICONE, PHENOLIC, AND EPOXY BASE HEAT-SHIELD MATERIALS AT VARIOUS HEAT-TRANSFER RATES AND DYNAMIC PRESSURES.
N66-38139 11I S04 23 HC$ 2.50 MF$ 0.75

ABLATION
AN EXPERIMENTAL EVALUATION OF 100-LB-THRUST ABLATIVELY COOLED ROCKET ENGINES.
N66-37805 21M S04 23 HC$ 2.00 MF$ 0.50

ABORT
ANALYSIS OF COMBINATIONS OF ALTITUDE AND DESCENT RATE FOR SAFE ABORT DURING TERMINAL PHASE OF LUNAR LANDING.
N66-32944 22A S04 19 HC$ 2.00 MF$ 0.50

ABSORPTION
THERMALLY REGENERABLE CARBON DIOXIDE ABSORBENT SYSTEM FINAL REPORT, 1 MAY 1964 - 31 JAN. 1966.
N66-33499 7A S04 19 HC$ 3.75 MF$ 1.50

PROCEEDINGS OF CONFERENCE ON SPACECRAFT COATINGS DEVELOPMENT.
N66-37814 20M S04 23 HC$ 5.00 MF$ 1.25

ABSORPTION SPECTRUM
ABSORPTION SPECTRUM OF THE NO MOLECULE. V - SURVEY OF EXCITED STATES AND THEIR INTERACTIONS.
N66-33367 7D S04 19 HC$ 2.00 MF$ 0.50

INVESTIGATION OF INFRA-RED ABSORPTION AND LOW ANGLE X-RAY SCATTERING OF TEKTITES SEMIANNUAL STATUS REPORT, 1 DEC. 1965 - 30 JUN. 1966.
N66-33442 8G S04 19 HC$ 2.00 MF$ 0.50

ABSORPTION SPECTRUM, INFRARED RADIATION
SPECTRAL TRANSMISSIVITY OF THE EARTH'S ATMOSPHERE IN THE 250 TO 500 WAVE NUMBER INTERVAL. PART IV (FINAL). A THEORETICAL COMPUTATION FOR PURE ROTATIONAL ABSORPTION.
AD-641 695 4A T66 24 HC$ 3.00 MF$ 0.75

ABSORPTION SPECTRUM, WATER VAPOR
STRENGTH-HALF-WIDTH PRODUCTS OF SELF-BROADENED LINES IN THE 6.3 MICRON BAND OF WATER VAPOR.
PB-173 429 4A U41 24 HC$ 3.00 MF$ 0.75

ABSTRACT
NEUTRON DETECTORS.
N66-33135 18D S04 19 HC$ 7.10 MF$ 2.25

ACCELERATION TOLERANCE, NYSTAGMUS
CONCOMITANT VISUAL STIMULATION DOES NOT ALTER HABITUATION OF NYSTAGMIC, OCULOGYRAL OR PSYCHOPHYSICAL RESPONSES TO ANGULAR ACCELERATION.
AD-641 418 6S T66 24

ACCELEROMETER
INSTRUMENTATION FOR INVESTIGATING THE PHYSICAL PROPERTIES OF THE LUNAR SURFACE.
N66-33167 3A S04 19 HC$ 1.00 MF$ 0.50

ACCIDENTS, VISIBILITY
EXPLORATORY WORK ON THE PROBLEM OF REDUCED VISIBILITY.
PB-173 412 13L U41 24 HC$ 1.00 MF$ 0.50

ACOUSTIC ATTENUATION
ATTENUATION OF SINUSOIDAL DISTURBANCES IN NONVISCOUS LIQUID FLOWING IN A LONG LINE WITH DISTRIBUTED LEAKAGE.
N66-33022 20D S04 19 HC$ 2.00 MF$ 0.50

ACOUSTIC DETECTORS, GUIDED MISSILES
A SOUND/RANGING TECHNIQUE FOR LOCATING SUPERSONIC MISSILES.
AD-641 669 17A T66 24 HC$ 2.00 MF$ 0.50

ACOUSTIC EXCITATION
STUDY TO DEFINE AGENA VIBRATION AND ACOUSTIC ENVIRONMENT.
N66-38495 22B S04 23 HC$ 3.75 MF$ 1.50

ACOUSTIC SIMULATION
GROUND TEST SIMULATION OF LIFT-OFF AND TRANSONIC VIBRATION EXCITATION MECHANISMS ON THE RANGER SPACECRAFT.
N66-37642 22B S04 23 HC$ 1.00 MF$ 0.50

ACOUSTICS, ATMOSPHERE
INFRASONIC MODES - AN OMNIBUS DIGITAL COMPUTER PROGRAM FOR THE STUDY OF ACOUSTIC-GRAVITY WAVE PROPAGATION.
AD-641 367 4A T66 24 HC$ 3.00 MF$ 0.75

ACTINOBACILLUS, CARBOHYDRATES
UTILIZATION OF CARBOHYDRATES BY ACTINOBACILLUS MALLEI.
AD-641 519 6M T66 24

ACTINOBACILLUS, GROWTH
GROWTH OF ACTINOBACILLUS MALLEI IN CHEMICALLY DEFINED MEDIA.
AD-641 516 6M T66 24

COLONIAL VARIATION IN ACTINOBACILLUS MALLEI.
AD-641 517 6M T66 24

ACTINOBACILLUS, MUTATIONS
USE OF KANAMYCIN FOR THE ISOLATION OF AUXOTROPHIC MUTANTS OF ACTINOBACILLUS MALLEI.
AD-641 518 6M T66 24

ADAPTIVE CONTROL SYSTEMS, CLASSIFICATION
STATISTICAL ANALYSIS OF ADAPTIVE LINEAR CLASSIFIERS.
AD-443 844 6D U41 24 HC$ 10.60

ADENOSINE PHOSPHATES, FREE RADICALS
ON THE EXISTENCE OF FREE RADICALS IN ENZYMATIC HYDROLYSIS OF ADENOSINE TRIPOSPHATE.
AD-641 425 6A T66 24 HC$ 1.00 MF$ 0.50

ADHESION
A STUDY OF THE ADHESION AND COHESION OF METALS FOURTH QUARTERLY PROGRESS REPORT, 9 MAR. - 9 JUN. 1966.
N66-32795 11F S04 19 HC$ 1.00 MF$ 0.50

ADHESIVES, PHENOLIC PLASTICS
EXPLORATION OF THE FEASIBILITY OF PREPARING DOUBLE CHAIN NOVOLAC RESINS.
AD-641 872 11A T66 24 HC$ 2.00 MF$ 0.50

ADSORPTION
FORMATION OF CO2 RADICAL IONS WHEN CO2 IS ADSORBED ON IRRADIATED MAGNESIUM OXIDE.
N66-33166 7C S04 19 HC$ 1.00 MF$ 0.50

CONTRIBUTION TO THE THEORY OF THE ADSORPTION EFFECT AT THE SURFACE OF SEMICONDUCTORS AND GELS UNDER THE ACTION OF IONIZING RADIATION.
N66-33676 20L S04 19 HC$ 1.00 MF$ 0.50

ADSORPTION BEHAVIOR OF ORGANIC COMPOUNDS.
N66-33766 7C S04 19 HC$ 2.00 MF$ 0.50

SURFACE ADSORPTION IN MAGNESIUM OXIDE.
N66-33769 7B S04 19 HC$ 1.00 MF$ 0.50

PULSED GAS CHROMATOGRAPHIC SEPARATION FINAL REPORT.
N66-38886 7A S04 23 HC$ 4.00 MF$ 1.00

AEDES, LIFE CYCLE
OBSERVATIONS ON THE DEVELOPMENT CYCLE OF AEDES (F.) TOGOI UNDER LABORATORY AND NATURAL CONDITIONS.
AD-641 424 6C T66 24 HC$ 1.00 MF$ 0.50

AERIAL GUNNERS, NAVAL TRAINING
STUDY OF BASIC FIXED GUNNERY.
AD-641 824 5I T66 24 HC$ 3.00 MF$ 0.75

AERIAL GUNNERY, NAVAL TRAINING
STUDY OF BASIC FIXED GUNNERY.
AD-641 824 5I T66 24 HC$ 3.00 MF$ 0.75

AERIAL PHOTOGRAPHS, PHOTOINTERPRETATION
AIRPHOTO INTERPRETATION OF ENGINEERING SOILS OF ALLEN COUNTY, INDIANA.
PB-173 494 8B U41 24 HC$ 2.00 MF$ 0.50

COUNTY ENGINEERING SOILS MAPS.
PB-173 498 8B U41 24 HC$ 1.10 MF$ 0.50

AERIAL WARFARE, MODEL THEORY
BASIC SURVIVAL PROBABILITY EXPRESSIONS FOR AIR COMBAT MODELS.
AD-224 572 15G U41 24 HC$ 1.10

AEROBEE ROCKET
METEOROLOGICAL DATA REPORT, AEROBEE NASA 4.106 NP (9 MAY 1966).
N66-33391 4B S04 19 HC$ 2.00 MF$ 0.50

A NIKE FAILURE STUDY.
N66-33502 16D S04 19 HC$ 2.00 MF$ 0.50

AEROBEE 150 STRUCTURAL AND AERODYNAMIC PITCH COUPLING.
N66-38489 22A S04 23 HC$ 2.50 MF$ 0.50

AERODYNAMIC CHARACTERISTICS
ADDITIONAL EXPERIMENTS WITH FLAT-TOP WING- BODY COMBINATIONS AT HIGH SUPERSONIC SPEEDS.
N66-33312 1A S04 19 HC$ 3.00 MF$ 0.50

SUBSONIC AERODYNAMIC CHARACTERISTICS OF PYRAMIDAL RE-ENTRY SHAPES INCORPORATING VARIABLE GEOMETRY.
N66-33316 1A S04 19 HC$ 2.00 MF$ 0.50

SUPERSONIC AERODYNAMIC CHARACTERISTICS OF TRIANGULAR PLAN-FORM MODELS AT ANGLES OF ATTACK TO 90 DEGREES.
N66-33324 1A S04 19 HC$ 2.00 MF$ 0.50

INVESTIGATION OF AERODYNAMIC CHARACTERISTICS OF AN AIRPLANE CONFIGURATION HAVING TAIL SURFACES OUTBOARD OF THE WING TIPS AT MACH NUMBERS OF 2.38, 2.97, AND 3.51.
N66-33331 1A S04 19 HC$ 2.50 MF$ 0.50

THE AERODYNAMIC CHARACTERISTICS OF SEVERAL THICK DELTA WINGS AT MACH NUMBERS TO 6 AND ANGLES OF ATTACK 50 DEG.
N66-33340 1A S04 19 HC$ 3.00 MF$ 0.75

PRELIMINARY INVESTIGATION OF INTERFERENCE EFFECTS OF MULTICOPLANAR FINS ON A TWO-STAGE ROCKET LAUNCH VEHICLE WITH WINGED SPACECRAFT AT TRANSONIC SPEEDS.

N66-33345 22D S04 19 HC$ 2.00 MF$ 0.50

AN EXPLORATORY INVESTIGATION OF A TRANSPORT CONFIGURATION DESIGNED FOR SUPERSONIC CRUISE FLIGHT NEAR A MACH NUMBER OF 3.
N66-33347 1A S04 19 HC$ 2.00 MF$ 0.50

LONGITUDINAL AERODYNAMIC CHARACTERISTICS OF A TENSION SHELL ENTRY CONFIGURATION AT MACH 20.
N66-33452 1A S04 19 HC$ 2.00 MF$ 0.50

SUPERSONIC AERODYNAMIC CHARACTERISTICS OF A SERIES OF RELATED BODIES WITH CROSS-SECTIONAL ELLIPTICITY.
N66-33457 1A S04 19 HC$ 3.00 MF$ 0.75

SUPERSONIC AERODYNAMIC CHARACTERISTICS OF A SATURN IB LAUNCH VEHICLE MODEL WITH THIRD-STAGE MODIFICATIONS.
N66-33486 1A S04 19 HC$ 1.00 MF$ 0.50

AERODYNAMIC CHARACTERISTICS OF TENSION SHELL SHAPES AT MACH 3.0.
N66-37677 1A S04 23 HC$ 2.00 MF$ 0.50

LOW-SUBSONIC WIND-TUNNEL AND FREE-FLIGHT DROP-TEST INVESTIGATION OF A PARAGLIDER CONFIGURATION HAVING LARGE TAPERED LEADING EDGES AND KEEL.
N66-38136 1A S04 23 HC$ 2.00 MF$ 0.50

AERODYNAMIC CHARACTERISTICS, VERTICAL TAKE-OFF PLANES
IMPORTANT VSTOL AIRCRAFT STABILITY DERIVATIVES IN HOVER AND TRANSITION.
AD-641 371 1A T66 24 HC$ 2.00 MF$ 0.50

AERODYNAMIC CONFIGURATIONS, STABILITY
WINGED HULL - STABILITY AND CONTROL STUDY.
AD-641 901 20D T66 24 HC$ 5.00 MF$ 1.00

AERODYNAMIC HEATING
STUDY OF LOCAL FLOW CONDITIONS OVER A HEMISPHERICALLY BLUNTED 25 DEG CONE FOR A SHALLOW RE-ENTRY TRAJECTORY.
N66-33979 22C S04 19 HC$ 2.00 MF$ 0.50

AERODYNAMIC STABILITY
AN EXPERIMENTAL INVESTIGATION OF AERODYNAMIC EFFECTS OF AIRFOIL THICKNESS ON TRANSONIC FLUTTER CHARACTERISTICS.
N66-33326 1A S04 19 HC$ 2.00 MF$ 0.50

AERODYNAMICS
FLOW FIELD COMPUTER PROGRAM FINAL REPORT.
N66-33713 20D S04 19 HC$ 2.50 MF$ 0.50

COMPARISON OF PANEL FLUTTER RESULTS FROM APPROXIMATE AERODYNAMIC THEORY WITH RESULTS FROM EXACT INVISCID THEORY AND EXPERIMENT.
N66-38412 20K S04 23 HC$ 2.00 MF$ 0.50

AERODYNAMICS RESEARCH AT MSFC.
N66-38487 1A S04 23 HC$ 2.00 MF$ 0.50

AERODYNAMICS, AEROSPACE CRAFT
AEROSPACE ENGINEERING 1966.
AD-641 434 20D T66 24 HC$ 5.00 MF$ 1.00

AEROSOLS, BACTERIOPHAGES
SAMPLING SUBMICRON T1 BACTERIOPHAGE AEROSOLS.
AD-642 005 6M T66 24

AEROSOLS, RADIOACTIVE ISOTOPES
DESCRIPTION D UN DISPOSITIF PERMETTANT LA CONTAMINATION D ANIMAUX DE LABORATOIRE PAR INHALATION D AEROSOLS RADIOACTIFS (DEVICE FOR CONTAMINATING LABORATORY ANIMALS BY INHALATION OF RADIOACTIVE AEROSOLS).
PB-173 384 6R U41 24 HC$ 2.00 MF$ 0.50

AEROSPACE CRAFT, ENGINEERING
AEROSPACE ENGINEERING 1966.
AD-641 434 20D T66 24 HC$ 5.00 MF$ 1.00

AEROSPACE MEDICINE
AEROSPACE MEDICINE AND BIOLOGY - A CONTINUING BIBLIOGRAPHY WITH INDEXES, JUNE 1966.
N66-33446 6S S04 19 HC$ 1.00 MF$ 1.25

AN IMPORTANT STEP IN SPACE MEDICINE. SOME RESULTS OF THE EXPERIMENT ON THE COSMOS 110 SATELLITE.
N66-33725 6S S04 19 HC$ 1.00 MF$ 0.50

DETERMINATION OF THE INDIGENOUS MICROFLORA OF MEN IN CONTROLLED ENVIRONMENTS FINAL REPORT, JUL. 1964 - NOV. 1965.
N66-38192 6M S04 23 HC$ 7.00 MF$ 2.00

AEROSPACE TECHNOLOGY
THERMAL PROTECTION SYSTEMS, ASPECTS OF THERMAL PROTECTION OF INTEREST TO NASA AND THE RELATED MATERIALS R AND D REQUIREMENTS.
N66-33352 22B S04 19 HC$ 3.75 MF$ 1.25

HIGH TEMPERATURE STABLE CARBORANE ADHESIVES SECOND QUARTERLY PROGRESS REPORT, MAR. 21 - JUN. 20, 1966.
N66-33493 11A S04 19 HC$ 2.00 MF$ 0.50

INDEX TO AGARD PUBLICATIONS 1952 - 1963, SUPPLEMENT NUMBER ONE.
N66-37801 22B S04 23 HC$ 3.25 MF$ 1.00

AFTERBODY
MEASUREMENTS OF THE MACH NUMBER AND PRESSURE ON THE AFTERBODY OF A BLUNT-NOSED MODEL IN FREE FLIGHT AT MACH NUMBERS FROM 6.5 TO 14.
N66-33338 1A S04 19 HC$ 1.00 MF$ 0.50

AFTERGLOW
RADIATION TEMPERATURE MEASUREMENTS OF THE NITROGEN AFTERGLOW PLASMA.
N66-34074 20I S04 19 HC$ 1.00 MF$ 0.50

AGENA ROCKET
STUDY TO DEFINE AGENA VIBRATION AND ACOUSTIC ENVIRONMENT.
N66-38495 22B S04 23 HC$ 3.75 MF$ 1.50

AGING
ADAPTIVE AGE REPLACEMENT.
N66-38714 14D S04 23 HC$ 1.00 MF$ 0.50

AIR FORCE OPERATIONS, DIGITAL COMPUTERS
THE FLIGHT OPERATIONS PLANNER.
AD-227 738 15G U41 24 HC$ 9.60

AIR FORCE PROCUREMENT, COSTS
NOTES ON INCENTIVE CONTRACTING.
AD-641 336 5A T66 24 HC$ 2.00 MF$ 0.50

AIR FORCE RESEARCH, REVIEWS
THE FRANK J. SEILER RESEARCH LABORATORY
AD-641 986 14B T66 24 HC$ 3.00 MF$ 0.75

AIR FORCE RESEARCH, SYMPOSIA
PROCEEDINGS OF THE ANNUAL AIR FORCE SCIENCE AND ENGINEERING SYMPOSIUM (13TH), 27-28-29 SEPTEMBER 1966, ARNOLD ENGINEERING DEVELOPMENT CENTER, ARNOLD AIR FORCE STATION, TENNESSEE. VOLUME I. UNCLASSIFIED, UNCONTROLLED DISTRIBUTION VOLUME.
AD-641 921 5A T66 24 HC$ 9.10 MF$ 2.75

PROCEEDINGS OF THE ANNUAL AIR FORCE SCIENCE AND ENGINEERING SYMPOSIUM (13TH), 27-28-29 SEPTEMBER 1966, ARNOLD ENGINEERING DEVELOPMENT CENTER, ARNOLD AIR FORCE STATION, TENNESSEE. VOLUME II. UNCLASSIFIED, UNCONTROLLED DISTRIBUTION VOLUME.
AD-641 922 5A T66 24 HC$ 9.55 MF$ 2.75

PROCEEDINGS OF THE ANNUAL AIR FORCE SCIENCE AND ENGINEERING SYMPOSIUM (13TH), 27-28-29 SEPTEMBER 1966, ARNOLD ENGINEERING DEVELOPMENT CENTER, ARNOLD AIR FORCE STATION, TENNESSEE. VOLUME III. UNCLASSIFIED, UNCONTROLLED DISTRIBUTION VOLUME OF UNPRESENTED PAPERS.
AD-641 923 5A T66 24 HC$ 7.00 MF$ 1.50

AIR POLLUTION
VAPOUR CONCENTRATIONS AND DOSES DOWNWIND FROM A TERRAIN, CONTAMINATED WITH A PERSISTENT AGENT.
N66-38347 13B S04 23 HC$ 1.00 MF$ 0.50

AIR TRAFFIC CONTROL SYSTEMS, IDENTIFICATION SYSTEMS
AN IDENTIFICATION SYSTEM FOR USE AS AN AID TO RAID DETECTION AND AIR TRAFFIC CONTROL.
AD-230 041 17G U41 24 HC$ 4.60

AIR TRAFFIC CONTROL SYSTEMS, NEW YORK
NEW YORK INTERIM COMMON TRACON FACILITY SIMULATION STUDY.
AD-641 698 17G T66 24 HC$ 4.00 MF$ 1.00

AIR TRAFFIC CONTROL SYSTEMS, TERMINAL GUIDANCE
VOR LOCALIZER (VORLOC).
AD-641 962 17G T66 24 HC$ 1.00 MF$ 0.50

AIR TRANSPORTATION, CARGO
AIRCRAFT COMPARTMENT DESIGN CRITERIA FOR THE ARMY DEPLOYMENT MISSION.
AD-241 637 1C U41 24 HC$ 4.60

AIR TRANSPORTATION, ECONOMICS
TECHNICAL AND ECONOMIC EVALUATION OF AIRCRAFT FOR INTERCITY SHORT-HAUL TRANSPORTATION. VOLUME I.
AD-641 506 15E T66 24 HC$ 2.00 MF$ 0.50

TECHNICAL AND ECONOMIC EVALUATION OF AIRCRAFT FOR INTERCITY SHORT-HAUL TRANSPORTATION. VOLUME II.
AD-641 507 15E T66 24 HC$ 5.00 MF$ 1.00

TECHNICAL AND ECONOMIC EVALUATION OF AIRCRAFT FOR INTERCITY SHORT-HAUL TRANSPORTATION. VOLUME III.
AD-641 508 15E T66 24 HC$ 5.00 MF$ 1.00

AIR TRANSPORTATION, OPERATIONS RESEARCH
A MODEL FOR THE DESIGN AND EVALUATION OF AIR CARGO SYSTEMS.
AD-641 335 15E T66 24 HC$ 3.00 MF$ 0.75

AIRCRAFT CONFIGURATION
INVESTIGATION OF AERODYNAMIC CHARACTERISTICS OF AN AIRPLANE CONFIGURATION HAVING TAIL SURFACES OUTBOARD OF THE WING TIPS AT MACH NUMBERS OF 2.30, 2.97, AND 3.51.
N66-33331 1A S04 19 HC$ 2.50 MF$ 0.50

EXPERIMENTAL INVESTIGATION OF A BODY FLARE FOR OBTAINING PITCH STABILITY AND A BODY FLAP FOR OBTAINING PITCH CONTROL IN HYPERSONIC FLIGHT.
N66-34083 1D S04 19 HC$ 2.00 MF$ 0.50

AIRCRAFT DESIGN
ADDITIONAL EXPERIMENTS WITH FLAT-TOP WING- BODY COMBINATIONS AT HIGH SUPERSONIC SPEEDS.
N66-33312 1A S04 19 HC$ 3.00 MF$ 0.50

SOME CONSIDERATIONS REGARDING THE APPLICATION OF THE SUPERSONIC AREA RULE TO THE DESIGN OF AIRPLANE FUSELAGES.
N66-34080 1C S04 19 HC$ 2.00 MF$ 0.50

AIRCRAFT INSTRUMENTATION
A STUDY OF POTENTIAL ROLES OF SUPERSONIC TRANSPORT CREWS AND SOME IMPLICATIONS FOR THE FLIGHT DECK. VOLUME II - FEASIBLE AUTOMATED AND MANUAL IMPLEMENTATION CONCEPTS FOR SST

ACTIVITIES AND FUNCTIONS, FINAL REPORT.
N66-38751 5H S04 23 HC$ 6.00 MF$ 3.00

AIRCRAFT LANDING
GROUND EFFECTS RELATED TO LANDING OF AIRPLANES WITH LOW-ASPECT-RATIO WINGS.
N66-38138 1B S04 23 HC$ 1.00 MF$ 0.50

AIRCRAFT PERFORMANCE
BREGUET.941 - IDENTIFICATION, PERFORMANCE, FLIGHT QUALITIES.
N66-38360 1C S04 23 HC$ 3.25 MF$ 1.25

AIRCRAFT STRUCTURE
NACA CONFERENCE ON AIRCRAFT LOADS, FLUTTER, AND STRUCTURES - A COMPILATION OF THE PAPERS PRESENTED.
N66-33351 20K S04 19 HC$ 6.36 MF$ 3.00

AIRCRAFT, BALANCES
AIRCRAFT WEIGHING SCALES MODEL NWP-1 GILMORE INDUSTRIES.
PB-173 480 14B U41 24 HC$ 2.00 MF$ 0.50

AIRFLOW
FLOW LOSSES IN FLEXIBLE HOSE QUARTERLY PROGRESS REPORT NO. 4, MAR. 14 - JUN. 14, 1965.
N66-33495 20D S04 19 HC$ 2.50 MF$ 0.75

AIRFOIL THICKNESS
AN EXPERIMENTAL INVESTIGATION OF AERODYNAMIC EFFECTS OF AIRFOIL THICKNESS ON TRANSONIC FLUTTER CHARACTERISTICS.
N66-33326 1A S04 19 HC$ 2.00 MF$ 0.50

AIRPLANE PANELS, VIBRATION
TURBULENCE-INDUCED PANEL VIBRATION.
AD-448 045 20K U41 24 HC$ 3.00

AIRPLANES, SCHEDULING
APPLICATION OF DYNAMIC PROGRAMMING TO THE AIRPLANE MINIMUM TIME-TO-CLIMB PROBLEM.
AD-101 000 17G U41 24 HC$ 2.00

AIRWORTHINESS REQUIREMENT
VALIDATION OF A RESEARCH SIMULATOR FOR INVESTIGATING JET TRANSPORT HANDLING QUALITIES AND AIRWORTHINESS CRITERIA DURING TAKEOFF.
N66-38747 14B S04 23 HC$ 2.50 MF$ 0.50

ALBEDO
SPECTRAL ALBEDO OF NATURAL GROUNDS.
N66-33701 4A S04 19 HC$ 2.00 MF$ 0.50

RELATIONSHIP OF THE ALBEDO OF VENUS TO WAVELENGTH IN THE ULTRAVIOLET BAND OF THE SPECTRUM.
N66-33978 3B S04 19 HC$ 1.00 MF$ 0.50

ALCOHOLS, TOXICITY
RESEARCH OF THE SCIENTIFIC LITERATURE AND REPORTS ON THE EFFECTS OF MAN OF ALCOHOL ALONE AND IN COMBINATION WITH OTHER DRUGS.
AD-641 794 6E T66 24 HC$ 5.00 MF$ 1.00

ALGAE, ALKANES
SATURATED HYDROCARBONS IN MARINE PLANTS AND SEDIMENTS.
AD-641 436 8A T66 24 HC$ 3.00 MF$ 0.75

ALGEBRA
ON DIAMETERS OF GRAPHS AND DIGRAPHS.
N66-34075 12A S04 19 HC$ 2.00 MF$ 0.50

ALGEBRAIC TOPOLOGY, THEOREMS
FINAL TECHNICAL REPORT, JULY 1, 1965 TO JUNE 30, 1966.
AD-641 853 12A T66 24 HC$ 1.00 MF$ 0.50

ALGEBRAS, FUNCTIONAL ANALYSIS
FACTORIZATION THEOREMS FOR BANACH ALGEBRAS.
AD-641 464 12A T66 24

ALGEBRAS, MEASURE THEORY
MEASURE ALGEBRAS AND SPECTRAL REPRESENTATIONS.
AD-641 576 12A T66 24 HC$ 2.00 MF$ 0.50

ALGEBRAS, SET THEORY
ON SOME RESTRICTION ALGEBRAS.
AD-641 537 12A T66 24

ALGEBRA, GROUPS(MATHEMATICS)
FINAL TECHNICAL REPORT, JULY 1, 1965 TO JUNE 30, 1966.
AD-641 853 12A T66 24 HC$ 1.00 MF$ 0.50

ALGORITHM
ALGORITHMIC COMPLEXITY.
N66-38504 12A S04 23 HC$ 1.00 MF$ 0.50

ALGORITHMS, MATRIX ALGEBRA
AN ALGORITHM FOR CLASSIFYING ERGODIC MATRICES.
AD-641 322 12A T66 24 HC$ 1.00 MF$ 0.50

ALKALI HALIDE
THE VAPOR COMPOSITION IN THE HALIDE SYSTEMS OF CERTAIN ALKALI AND ALKALI EARTH METALS.
N66-33721 7B S04 19 HC$ 1.00 MF$ 0.50

ALKALI METAL
INVESTIGATION OF COLLISION PROBABILITY OF ELECTRONS AND IONS WITH ALKALI METAL ATOMS FINAL REPORT, 22 APR. 1964 - 21 JUL. 1966.
N66-38497 20I S04 23 HC$ 3.00 MF$ 0.75

ALKALI METAL COMPOUNDS, COLOR CENTERS
K BAND IN COLORED ALKALI HALIDE CRYSTALS.
AD-641 770 20L T66 24

OPTICAL ABSORPTION AND PHOTOCONDUCTIVITY IN THE K BAND OF SOME COLORED ALKALI HALIDES.
AD-641 771 20L T66 24

ALKALI METAL COMPOUNDS, ELASTICITY
THE ELASTIC CONSTANTS OF SOME ALKALI HALIDES AS A FUNCTION OF TEMPERATURE AND COMPOSITION.
AD-641 653 20K T66 24 HC$ 5.00 MF$ 1.25

ALKANES, OCEANOLOGY
SATURATED HYDROCARBONS IN MARINE PLANTS AND SEDIMENTS.
AD-641 436 8A T66 24 HC$ 3.00 MF$ 0.75

ALKENES, NUCLEAR MAGNETIC RESONANCE
THE PROTON MAGNETIC RESONANCE SPECTRA OF OLEFINS. V. 3-CHLORO- AND 3-METHOXYPROPENES.
AD-641 462 7C T66 24

ALKENES, THERMAL PROPERTIES
THERMODYNAMIC PROPERTIES OF POLYBUTENE-1 AND BUTENE-1.
AD-641 867 7D T66 24 HC$ 1.00 MF$ 0.50

ALOUETTE I SATELLITE
ELECTRON DENSITIES AND SCALE HEIGHTS IN THE TOPSIDE IONOSPHERE - ALOUETTE I OBSERVATIONS OVER THE AMERICAN CONTINENTS. VOLUME I - NOVEMBER 1962 - JANUARY 1963.
N66-33197 4A S04 19 HC$ 5.50 MF$ 2.50

ALPHA DECAY, DISTRIBUTION
DIRECT REACTION ANALYSIS OF THE F19(P,ALPHA)O16 REACTION.
AD-641 684 20H T66 24

ALPHA PARTICLE
AN APPARENTLY HIGH FLUX OF PRIMARY COSMIC-RAY GAMMA-PARTICLES AT 41 DEG N. MAG..
N66-32984 20H S04 19 HC$ 1.00 MF$ 0.50

CHEMICAL ANALYSIS OF SURFACES USING ALPHA PARTICLES.
N66-33168 7D S04 19 HC$ 3.00 MF$ 0.75

ALPHA PARTICLE REACTIONS, NUCLEAR ENERGY LEVELS
MASSES AND EXCITATION ENERGIES OF SOME PROTON-RICH NUCLEI.
AD-642 000 20H T66 24

ALTITUDE CONTROL
ANALYTICAL AND EXPERIMENTAL STUDY OF ALTITUDE COMPENSATION OF A ROCKET BY SECONDARY INJECTION.
N66-33496 21H S04 19 HC$ 2.50 MF$ 0.75

ALUMINIUM COMPOUNDS, COLLOIDS
PREPARATION, DEFINITION ET STABILISATION PAR UNE MACROMOLECULE ORGANIQUE D UN SOL MINERAL CAS D UN COLLOIDE D HYDROXYDE D ALUMINIUM (PREPARATION DEFINITION AND STABILIZATION OF AN INORGANIC SOL BY AN ORGANIC MACROMOLECULE CASE OF AN ALUMINIUM HYDROXIDE COLLOID).
PB-173 391 7D U41 24 HC$ 3.00 MF$ 0.75

ALUMINUM
THERMAL CONTACT CONDUCTANCE IN A VACUUM ENVIRONMENT.
N66-33488 20M S04 19 HC$ 4.00 MF$ 0.75

ALUMINUM ALLOY
STATE-OF-THE-ART SURVEY OF DISSIMILAR METAL JOINING BY SOLID STATE WELDING.
N66-32787 13H S04 19 HC$ 2.00 MF$ 0.50

PHASE DIAGRAM AND PROPERTIES OF ALLOYS OF THE ALUMINUM-SCANDIUM SYSTEM.
N66-33607 11F S04 19 HC$ 1.00 MF$ 0.50

DUCTILITY LIMITATIONS OF ALUMINUM-SILICON ALLOYS.
N66-38791 11F S04 23 HC$ 2.00 MF$ 0.50

ALUMINUM COMPOUND
ELECTRON DIFFRACTION STUDY OF THE OXIDATION PROCESS OF THIN FILMS OF INTERMETALLIC COMPOUNDS OF THE SYSTEM NICKEL-ALUMINUM.
N66-33704 11F S04 19 HC$ 1.00 MF$ 0.50

ALUMINUM COMPOUNDS, MONOXIDES
ALO RESONANT SPECTRUM FOR UPPER ATMOSPHERE TEMPERATURE DETERMINATION.
AD-641 359 4A T66 24 HC$ 2.00 MF$ 0.50

ALUMINUM, DEFORMATION
DISCONTINUOUS YIELDING OF COMMERCIALLY PURE ALUMINUM.
AD-641 990 11F T66 24 HC$ 2.00 MF$ 0.50

THE INFLUENCE OF STRAIN RATE AND STRAIN AGEING ON THE FLOW STRESS OF COMMERCIALLY PURE ALUMINUM.
AD-641 995 11F T66 24 HC$ 2.00 MF$ 0.50

ALUMINUM, NUCLEAR MAGNETIC RESONANCE
27AL AND 89Y NUCLEAR MAGNETIC RESONANCE IN YTTRIUM-ALUMINUM GARNET.
AD-641 772 20L T66 24

ALUMINUM, OXIDATION
NEW FINDINGS ON ANODIC OXIDATION OF ALUMINUM.
AD-641 932 11F T66 24 HC$ 1.00 MF$ 0.50

AMBIPOLAR DIFFUSION
AMBIPOLAR DIFFUSION OF A PLASMA CLOUD IN A MAGNETIC FIELD.
N66-38342 20I S04 23 HC$ 2.00 MF$ 0.50

AMBULANCES, ARMED FORCES TRANSPORTATION
SYSTEM DESCRIPTION FOR TRUCK, UTILITY 1 1/4 TON XM705 TRUCK, AMBULANCE 1 1/4 TON XM737.
AD-641 356 13F T66 24 HC$ 3.00 MF$ 0.75

AMINES, SOLVENT EXTRACTION

MECANISME D EXTRACTION DE L ACIDE NITRIQUE ET DE L EAU PAR LES SOLUTIONS ORGANIQUES D ALCOYLAMINES TERTIAIRES (MECHANISM OF THE EXTRACTION OF NITRIC ACID AND WATER BY ORGANIC SOLUTIONS OF TERTIARY ALKYLAMINES).
PB-173 396 7D U41 24 HC$ 3.00 MF$ 0.75

AMINO ACID
SIMULATION OF ORGANISMIC MORPHOLOGY AND BEHAVIOR BY SYNTHETIC POLY-ALPHA-AMINO ACIDS.
N66-37894 6A S04 23 HC$ 1.00 MF$ 0.50

AMMONIA, FUEL CELLS
DIRECT AMMONIA-AIR FUEL CELL.
AD-445 865 10A U41 24 HC$ 3.00

AMMONIA, SODIUM COMPOUNDS
THE TWO TRANSFORMER METHOD FOR ELECTRODELESS CONDUCTIVITY MEASUREMENTS.
AD-461 769 20I U41 24 HC$ 9.00

AMMUNITION PROPELLANTS, SCIENTIFIC RESEARCH
SOLID PROPELLANTS FOR SMALL ARMS AMMUNITION A REVIEW AND RECOMMENDED RESEARCH.
AD-451 179 19F U41 24 HC$ 3.00

AMPLIFIER
AN ELECTRIC FIELD METER FOR ROCKET AND SATELLITE USE.
N66-37998 4A S04 23 HC$ 4.00 MF$ 0.75

AMPLIFIER DESIGN
DESIGN OF A FLUID JET AMPLIFIER WITH REDUCED RECEIVER-INTERACTION-REGION COUPLING.
N66-37679 13G S04 23 HC$ 2.00 MF$ 0.50

AMPUTEES, ADJUSTMENT(PSYCHOLOGY)
REPORT OF INTENSIVE INVESTIGATIONS OF THE PERSONALITY CHARACTERISTICS OF FORTY EIGHT ABOVE-THE-KNEE AMPUTEES.
AD-641 317 6E T66 24 HC$ 6.00 MF$ 1.25

PROBLEMS IN THE FITTING AND SERVICING OF PROSTHETIC DEVICES FOR ABOVE-THE-KNEE AMPUTEES.
AD-641 318 6E T66 24 HC$ 2.00 MF$ 0.50

ANALOG COMPUTER
AN ANALOG STUDY OF THE PASSIVE THERMAL BEHAVIOR OF AN ORBITING SPACE STATION.
N66-38414 22A S04 23 HC$ 2.00 MF$ 0.50

ANALOG-TO-DIGITAL CONVERTER
TEN-BIT ANALOG-TO-DIGITAL CONVERTER.
N66-38416 9C S04 23 HC$ 1.00 MF$ 0.50

ANALYTIC FUNCTION
CALCULATION OF FUNCTIONALS OF MATRICES ARISING IN SOLID STATE PHYSICS AND QUANTUM CHEMISTRY.
N66-33491 20B S04 19 HC$ 3.75 MF$ 1.50

ANATOMY
INVESTIGATION OF PEROGNATHUS AS AN EXPERIMENTAL ORGANISM FOR RESEARCH IN SPACE BIOLOGY PROGRESS REPORT, 1 APR. - 30 JUN. 1966.
N66-34072 6F S04 19 HC$ 1.00 MF$ 0.50

ANEMOMETERS, ACOUSTIC EQUIPMENT
DESIGN, DEVELOPMENT AND TESTING OF AN ACOUSTIC ANEMOMETER.
AD-641 974 4B T66 24 HC$ 3.00 MF$ 0.75

ANESTHETICS, NEUROLOGY
A NEUROPHYSIOLOGICAL COMPARISON OF ALPHA-CHLORALOSE WITH GAMMA-HYDROXYBUTYRATE IN CATS.
AD-641 379 6D T66 24

VARIOUS SEIZURE ACTIVITIES FOLLOWING GAMMA-HYDROXYBUTYRATE.
AD-641 381 6D T66 24

ANESTHETICS, RATS
4-HYDROXYBUTYRATE AS AN ANESTHETIC AGENT FOR THE RAT.
AD-641 999 6D T66 24

ANGLE OF ATTACK
WIND-TUNNEL INVESTIGATION AT A MACH NUMBER OF 2.91 OF STABILITY AND CONTROL CHARACTERISTICS OF THREE LIFTING REENTRY CONFIGURATIONS AT ANGLES OF ATTACK UP TO 90 DEGREES.
N66-33306 1A S04 19 HC$ 2.00 MF$ 0.50

PRESSURE DISTRIBUTIONS ON A FLAT-PLATE DELTA WING SWEPT 65 DEG AT A MACH NUMBER OF 5.97 AT ANGLES OF ATTACK FROM 65 DEG TO 115 DEG AND ANGLES OF ROLL FROM 0 DEG TO 25 DEG AT A 90 DEG ANGLE OF ATTACK.
N66-33327 1A S04 19 HC$ 2.00 MF$ 0.50

INVESTIGATION OF HIGH-ANGLE-OF-ATTACK PERFORMANCE OF A 14 DEG RAMP-TYPE INLET IN VARIOUS CIRCUMFERENTIAL BODY LOCATIONS, MACH NUMBER RANGE 1.5 TO 2.0.
N66-33339 1A S04 19 HC$ 2.00 MF$ 0.50

THE AERODYNAMIC CHARACTERISTICS OF SEVERAL THICK DELTA WINGS AT MACH NUMBERS TO 6 AND ANGLES OF ATTACK TO 90 DEG.
N66-33340 1A S04 19 HC$ 3.00 MF$ 0.75

FORCE AND PRESSURE-DISTRIBUTION INVESTIGATION TO HIGH ANGLES OF ATTACK ON ALL-MOVABLE TRIANGULAR AND RECTANGULAR WINGS IN COMBINATION WITH A BODY AT SUPERSONIC SPEEDS.
N66-33349 1A S04 19 HC$ 3.25 MF$ 1.25

ANGULAR DISTRIBUTION
CALCULATIONS OF ENERGY AND ANGULAR DISTRIBUTIONS OF ELECTRONS EJECTED FROM HELIUM BY 200- KE V AND 300- KE V PROTONS.
N66-38409 20H S04 23 HC$ 1.00 MF$ 0.50

ANGULAR VELOCITY
OPTIMAL CONDITIONS OF DECELERATING THE ROTATIONAL MOTION OF A SYMMETRIC BODY.
N66-33698 22A S04 19 HC$ 1.00 MF$ 0.50

ANIMAL STUDY
THE EFFECT OF CHANGING GRAVITY AND WEIGHTLESSNESS ON VASOPRESSIN CONTROL SYSTEMS PROGRESS REPORT, FEB. 15 - SEP. 28, 1966.
N66-38718 6S S04 23 HC$ 1.00 MF$ 0.50

ANNUAL VARIATION
ATMOSPHERIC TRACKING ERRORS AT S-BAND AND C-BAND FREQUENCIES.
N66-32942 17B S04 19 HC$ 2.00 MF$ 0.50

ANNULAR PLATE
SOME FREE VIBRATION AND DYNAMIC RESPONSE PROBLEMS ASSOCIATED WITH CENTRIFUGALLY STABILIZED DISK AND SHELL STRUCTURES SEMIANNUAL PROGRESS REPORT, 15 FEB. - 15 AUG. 1966.
N66-33488 20K S04 19 HC$ 1.00 MF$ 0.50

ANODIC COATINGS, ALUMINUM
NEW FINDINGS ON ANODIC OXIDATION OF ALUMINUM.
AD-641 932 11F T66 24 HC$ 1.00 MF$ 0.50

ANTENNA
THE SUBSTITUTION OF A SEMI-INFINITE, HOMOGENEOUS DIELECTRIC MEDIUM FOR A PLASMA SLAB.
N66-34043 20I S04 19 HC$ 3.00 MF$ 0.75

THEORETICAL AND EXPERIMENTAL INVESTIGATIONS OF SPACECRAFT ANTENNA PROBLEMS IN THE VARIED OPERATIONAL ENVIRONMENTS OF FAR-OUT-SPACE AND ATMOSPHERIC RE-ENTRY SEMIANNUAL REPORT, 1 JAN. - 31 JUL. 1966.
N66-38711 9F S04 23 HC$ 1.00 MF$ 0.50

ANTENNA ARRAY
SPACE PROGRAMS SUMMARY NO. 37-40, VOLUME III FOR THE PERIOD MAY 1, 1966 TO JUNE 30, 1966. THE DEEP SPACE NETWORK.
N66-38546 9F S04 23 HC$ 3.00 MF$ 1.00

ANTENNA ARRAYS, SLOT ANTENNAS
DIRECTIVITY OF AN ARRAY OF SLOTS ON THE SURFACE OF A CYLINDER.
AD-641 959 9E T66 24 HC$ 2.00 MF$ 0.50

ANTENNAS, ELECTRIC CURRENTS
THE INTEGRAL EQUATION FOR THE CURRENT IN AN ASYMMETRICALLY DRIVEN, THICK TUBULAR ANTENNA.
AD-641 362 9E T66 24 HC$ 1.00 MF$ 0.50

ANTENNAS, MATHEMATICAL ANALYSIS
A METHOD OF ANALYSIS OF ANTENNA PROPERTIES.
AD-641 978 9E T66 24 HC$ 2.00 MF$ 0.50

ANTENNAS, MILLIMETER WAVES
STUDY OF ADAPTIVE ANTENNA TECHNIQUES FOR MILLIMETER WAVE APPLICATIONS.
AD-641 718 9E T66 24 HC$ 4.00 MF$ 1.00

ANTIBIOTICS, LYMPH
SIGNIFICANCE OF ANTIBACTERIAL LEVELS IN THE RENAL LYMPH DURING TREATMENT FOR PYELONEPHRITIS.
AD-641 377 6E T66 24

ANTIBIOTICS, RICKETTSIA
A METHOD OF DETERMINING SENSITIVITY OF RICKETTSIA BURNETI TO ANTIBIOTICS IN VITRO.
AD-641 752 6D T66 24 HC$ 1.00 MF$ 0.50

ANTIBIOTICS, TOXICITY
TOXICOLOGIC EVALUATION OF ABBOTT CRYSTALLINE ANTIBIOTIC NSC-51954 (CLINICAL FORMULATION).
PB-173 462 6D U41 24 HC$ 1.00 MF$ 0.50

ANTIFERROMAGNETISM, COMPLEX COMPOUNDS
FURTHER EVIDENCE FOR A MAGNETIC TRANSITION IN MNCL2.(NH2)2CS)4.
AD-641 550 28L T66 24

MAGNETIC TRANSITION IN THIOUREA-COORDINATED COBALT CHLORIDE.
AD-641 551 20L T66 24

ANTIFERROMAGNETISM, MANGANESE COMPOUNDS
FINE STRUCTURE IN THE ABSORPTION SPECTRA KMNF3 AND RBMNF3.
AD-641 915 20L T66 24 HC$ 1.00 MF$ 0.50

ABSORPTION SPECTRA OF MNF2 AND CAMNF3.
AD-641 917 20L T66 24 HC$ 1.00 MF$ 0.50

MAGNON SIDEBANDS IN CSMNF3.
AD-641 918 20L T66 24 HC$ 1.00 MF$ 0.50

ANTIGENS + ANTIBODIES, BIOSYNTHESIS
VIRAL ANTIBODY PRODUCTION IN ANIMALS EXPOSED TO A SPACE CABIN ENVIRONMENT.
AD-641 586 6S T66 24 HC$ 1.00 MF$ 0.50

LYMPHOCYTOPOIESIS, PLASMACYTOPOIESIS AND CELLULAR PROLIFERATION IN NONANTIGENICALLY STIMULATED GERMFREE MICE.
AD-641 835 6E T66 24

CELLULAR AND HUMORAL IMMUNE RESPONSE OF GERMFREE MICE STIMULATED WITH 7S HGG OR SALMONELLA TYPHIMURIUM.
AD-641 836 6E T66 24

ANTIMONY
ANNEALING OF NEUTRON-IRRADIATION-INDUCED CHANGES IN IMPURITY CONDUCTION IN ANTIMONY- DOPED GERMANIUM.
N66-33386 20L S04 19 HC$ 1.00 MF$ 0.50

ANTIMOTION SICKNESS AGENTS, EFFECTIVENESS
METHIONINE-PYRIDOXINE AND AIRSICKNESS.
AD-641 568 6S T66 24 HC$ 1.00 MF$ 0.50

ANTIPARTICLES, K MESONS
ETUDE DU SYSTEME ANTI-K, PION DANS LES ETATS FINALS A 3 CORPS, PRODUITS PAR LES INTERACTIONS K-P A 3 GEV/C (STUDY OF THE ANTI-K, PION SYSTEM IN THE 3 BODIES FINAL STATES, PRODUCED BY 3 GEV/C K-P INTERACTIONS).
PB-173 393 20H U41 24 HC$ 3.00 MF$ 0.75

ANTIPARTICLES, NUCLEAR CROSS SECTIONS
USE OF UNITARITY IN PROVING POMERANCHUK S THEOREM ON CROSS SECTIONS AT HIGH ENERGIES.
AD-641 619 20J T66 24

APERTURE
THEORETICAL AND EXPERIMENTAL INVESTIGATIONS OF SPACECRAFT ANTENNA PROBLEMS IN THE VARIED OPERATIONAL ENVIRONMENTS OF FAR-OUT-SPACE AND ATMOSPHERIC RE-ENTRY SEMIANNUAL REPORT, 1 JAN. - 31 JUL. 1966.
N66-39711 9F S04 23 HC$ 1.00 MF$ 0.50

APOLLO PROJECT
LUNAR GEOPHYSICAL SURFACE AND SUBSURFACE PROBES FOR APOLLO APPLICATIONS PROGRAM - VOLUME I - DETAILED TECHNICAL REPORT FINAL REPORT.
N66-32960 22A S04 19 HC$ 4.66 MF$ 2.50

LUNAR SURFACE AND SUBSURFACE PROBES FOR APOLLO APPLICATIONS PROGRAM. VOLUME II - SUMMARY TECHNICAL REPORT FINAL REPORT.
N66-32961 22A S04 19 HC$ 3.00 MF$ 0.75

EXPERIMENTAL ROCKET PERFORMANCE OF APOLLO STORABLE PROPELLANTS IN ENGINES WITH LARGE AREA RATIO NOZZLES.
N66-33454 21I S04 19 HC$ 2.00 MF$ 0.50

APOLLO SPACECRAFT
SUPERSONIC AERODYNAMIC CHARACTERISTICS OF A SATURN IB LAUNCH VEHICLE MODEL WITH THIRD-STAGE MODIFICATIONS.
N66-33486 1A S04 19 HC$ 1.00 MF$ 0.50

APPROXIMATION METHOD
HIGHER-ORDER STATIONARY PHASE APPROXIMATIONS IN SEMICLASSICAL SCATTERING.
N66-33384 20H S04 19 HC$ 2.00 MF$ 0.50

APPROXIMATE METHODS FOR THE COMPUTATION OF WAVE PROPAGATION IN NONUNIFORM MEDIA INTERIM REPORT NO. 1.
N66-33409 20N S04 19 HC$ 2.00 MF$ 0.50

APPROXIMATION(MATHEMATICS), ANALYSIS OF VARIANCE
SHORT-CUT MULTIPLE COMPARISONS FOR BALANCED SINGLE AND DOUBLE CLASSIFICATIONS. PART 2. DERIVATIONS AND APPROXIMATIONS.
AD-641 843 12A T66 24

APPROXIMATION(MATHEMATICS), THEOREMS
AN ELEMENTARY PROOF OF JACKSON S THEOREM ON MEAN-APPROXIMATION.
AD-641 741 12A T66 24

ARC JET
MIXING AND HEAT TRANSFER OF AN ARGON ARCJET WITH A COAXIAL FLOW OF COLD HELIUM FINAL REPORT.
N66-37643 21C S04 23 HC$ 3.00 MF$ 0.75

ARGON
SURFACE ABSORPTION IN MAGNESIUM OXIDE.
N66-33769 7B S04 19 HC$ 1.00 MF$ 0.50

ARGON PLASMA
MIXING AND HEAT TRANSFER OF AN ARGON ARCJET WITH A COAXIAL FLOW OF COLD HELIUM FINAL REPORT.
N66-37643 21C S04 23 HC$ 3.00 MF$ 0.75

ARIZONA, SOLAR RADIATION
THE YUMA TEST STATION, ARIZONA, HOURLY AND DAILY INSOLATION RECORD 1951 - 1962.
AD-462 122 4A U41 24 HC$ 5.60

ARMY PERSONNEL, ARMY RESEARCH
ABSTRACTS OF U. S. ARMY RESEARCH PUBLICATIONS -- FY 1966.
AD-641 989 5I T66 24 HC$ 2.00 MF$ 0.50

ARMY TRAINING, TARGET RECOGNITION
COMBAT RECOGNITION REQUIREMENTS.
AD-641 850 5I T66 24 HC$ 10.60 MF$ 0.75

AROMATIC COMPOUNDS, SILANES
RESEARCH ON SYNTHESIS AND CHARACTERIZATION OF HIGHLY ARYLATED ORGANOSILICON COMPOUNDS.
AD-641 414 7C T66 24 HC$ 3.00 MF$ 0.75

ARTIFICIAL CLOUD
MOTION OF ARTIFICIAL ION CLOUDS IN THE UPPER ATMOSPHERE.
N66-39343 4A S04 23 HC$ 2.00 MF$ 0.50

ARTIFICIAL INTELLIGENCE, MACHINES
HEURISTIC ASPECTS OF THE ARTIFICIAL INTELLIGENCE PROBLEM.
AD-236 885 6D U41 24 HC$ 8.60

ARTIFICIAL LIMBS, DESIGN
REPORT OF THE QUESTIONNAIRE STUDY OF 69 LIMB MAKERS AND LIMB FITTERS.
AD-641 316 6E T66 24 HC$ 2.00 MF$ 0.50

PROBLEMS IN THE FITTING AND SERVICING OF PROSTHETIC DEVICES FOR ABOVE-THE-KNEE AMPUTEES.
AD-641 318 6E T66 24 HC$ 2.00 MF$ 0.50

INVESTIGATIONS WITH RESPECT TO THE DESIGN, CONSTRUCTION, AND EVALUATION OF PROSTHETIC DEVICES. VOL. I.
AD-641 319 6E T66 24 HC$ 5.00 MF$ 1.00

ASPECT RATIO
LOW-SPEED WIND-TUNNEL STUDIES RELATING TO PITCH-UP ON A SUPERSONIC TRANSPORT MODEL WITH A HIGH-ASPECT-RATIO VARIABLE SWEEP WING.
N66-33020 1C S04 19 HC$ 3.00 MF$ 0.75

EXPERIMENTAL INVESTIGATION OF A CONFINED, JET- DRIVEN WATER VORTEX.
N66-38502 20D S04 23 HC$ 2.00 MF$ 0.50

ASPHALT, HARDENING
THE HARDENING OF ASPHALT IN HOT BITUMINOUS MIXES DURING THE HAULING PROCESS.
PB-173 411 13C U41 24 HC$ 3.00 MF$ 0.75

ASTRONAUTICS, SCIENTIFIC RESEARCH
PROGRESS REPORT FOR MARCH-AUGUST, 1966.
AD-641 851 5A T66 24 HC$ 6.00 MF$ 1.25

ASTRONAUTICS, SYMPOSIA
NATIONAL CONFERENCE ON SPACE MAINTENANCE AND EXTRA-VEHICULAR ACTIVITIES.
AD-641 695 22A T66 24 MF$ 2.25

ASTRONOMICAL MODEL
EFFECT OF NON-SYNCHRONOUS ROTATION ON CLOSE BINARY STARS.
N66-33368 3A S04 19 HC$ 1.00 MF$ 0.50

ASTRONOMY
DYNAMICS AND EVOLUTION OF CLOSE BINARY SYSTEMS.
N66-33379 3B S04 19 HC$ 3.00 MF$ 0.75

DIFFERENT SCREENING CONSTANTS FOR DIFFERENT PHYSICAL PROPERTIES, I.
N66-33380 20J S04 19 HC$ 2.00 MF$ 0.50

DESIGN OF AN AUTOMATED STELLAR PROPER MOTION MEASURING SYSTEM, 1 JULY 1965 - 30 JUNE 1966.
N66-33399 3A S04 19 HC$ 4.00 MF$ 1.00

ASTRONOMY, INSTRUMENTATION
NEW TECHNIQUES IN ASTRONOMY SELECTED ARTICLES.
AD-641 650 5A T66 24 HC$ 3.00 MF$ 0.75

ASTROPHYSICS
STELLAR EVOLUTION - A SURVEY WITH ANALYTIC MODELS.
N66-33425 3B S04 19 HC$ 4.00 MF$ 1.00

PROJECT MIAM INFORMAL REPORT, DEC. 1965 - MAY 1966.
N66-33437 1B S04 19 HC$ 1.00 MF$ 0.50

ASTROPHYSICS, GALAXIES
THE PHYSICAL CHARACTERISTICS AND DISTRIBUTION IN SPACE OF GALAXIES THE CHARACTERISTICS OF THE SUPERGIANT D GALAXIES .
AD-641 608 3B T66 24 HC$ 1.00 MF$ 0.50

ATMOSPHERE, ABSORPTION SPECTRUM
REPORT OF NRL PROGRESS.
PB-173 468 14B U41 24 HC$ 1.25 MF$ 0.50

ATMOSPHERE, ACOUSTICS
INFRASONIC MODES AN OMNIBUS DIGITAL COMPUTER PROGRAM FOR THE STUDY OF ACOUSTIC-GRAVITY WAVE PROPAGATION.
AD-641 367 4A T66 24 HC$ 3.00 MF$ 0.75

ATMOSPHERE, BIOPHYSICS
INVESTIGATION OF ENERGY AND MASS TRANSFERS NEAR THE GROUND INCLUDING THE INFLUENCES OF THE SOIL-PLANT-ATMOSPHERE SYSTEM.
AD-260 695 2C U41 24 HC$ 17.10

ATMOSPHERE, HEAT TRANSFER
TRANSMISSIVITY OF THE ATMOSPHERE FOR THERMAL RADIATION FROM NUCLEAR WEAPONS.
AD-641 481 18C T66 24 HC$ 2.00 MF$ 0.50

ATMOSPHERE, SOUND TRANSMISSION
ATMOSPHERIC SOUND PROPAGATION NEAR THE EARTH S SURFACE.
AD-473 746 3B U41 24 HC$ 1.60 MF$ 0.50

ATMOSPHERE, WAVE TRANSMISSION
SPECTRAL TRANSMISSIVITY OF THE EARTH S ATMOSPHERE IN THE 250 TO 500 WAVE NUMBER INTERVAL. PART IV (FINAL). A THEORETICAL COMPUTATION FOR PURE ROTATIONAL ABSORPTION.
AD-641 696 4A T66 24 HC$ 3.00 MF$ 0.75

ATMOSPHERIC CONDITION EFFECT
EVALUATION OF DATA OBTAINED FROM A 35 G HZ PROPAGATION EXPERIMENT TECHNICAL REPORT NO. 7.
N66-33443 4A S04 19 HC$ 1.00 MF$ 0.50

ATMOSPHERIC DENSITY
FEASIBILITY STUDY FOR AN X-RAY BACKSCATTER FREE AIR DENSITY SENSOR.
N66-38688 14B S04 23 HC$ 3.00 MF$ 1.00

ATMOSPHERIC ELECTRIC FIELD
SURVEY OF VLF ELECTRIC FIELDS IN THE MAGNETOSPHERE WITH THE POLAR ORBITING SPACECRAFT, 1964-45A.
N66-32722 4A S04 19 HC$ 2.50 MF$ 0.75

AN ELECTRIC FIELD METER FOR ROCKET AND SATELLITE USE.
N66-37998 4A S04 23 HC$ 4.00 MF$ 0.75

ATMOSPHERIC HEATING

TIROS RADIATION MEASUREMENTS AND VARIATIONS IN ATMOSPHERIC HEATING.
N66-39420 4B S04 23 HC$ 2.00 MF$ 0.50

ATMOSPHERIC IMPURITY
FEASIBILITY STUDY OF FREEZE-OUT TECHNIQUES FOR CONTAMINANT CONTROL WITHIN MANNED SPACECRAFT ATMOSPHERES FINAL TECHNICAL REPORT, 11 OCT. 1965 - 11 APR. 1966.
N66-33198 9E S04 19 HC$ 5.00 MF$ 1.00

ATMOSPHERIC MOTION, GUIDED MISSILE RANGES
THE RICHARDSON NUMBER IN THE PLANETARY BOUNDARY LAYER.
AD-641 569 4B T66 24 HC$ 2.00 MF$ 0.50

ATMOSPHERIC MOTION, OCEAN WAVES
A NUMERICAL STUDY OF THE WIND-DRIVEN TRANSIENT CIRCULATION IN A HOMOGENEOUS OCEAN.
AD-641 338 8C T66 24 HC$ 3.00 MF$ 0.75

ATMOSPHERIC PRECIPITATION, PROBABILITY
A STATISTICAL APPROACH TO THE 12-48-HR PREDICTION OF PRECIPITATION PROBABILITY.
PB-173 423 4B U41 24 HC$ 4.00 MF$ 0.75

ATMOSPHERIC SCATTERING
PROJECT MIAW INFORMAL REPORT, DEC. 1965 - MAY 1966.
N66-33437 1B S04 19 HC$ 1.00 MF$ 0.50

ATMOSPHERIC SOUNDING, WATER VAPOR
WATER VAPOR OBSERVATIONS AT LOW, MIDDLE, AND HIGH LATITUDES DURING 1964 AND 1965.
AD-641 577 4A T66 24 HC$ 6.00 MF$ 1.25

ATMOSPHERIC TEMPERATURE, UPPER ATMOSPHERE
ALO RESONANT SPECTRUM FOR UPPER ATMOSPHERE TEMPERATURE DETERMINATION.
AD-641 359 4A T66 24 HC$ 2.00 MF$ 0.50

ATOM CONCENTRATION
PLASMA BEAM CALIBRATION MASS SPECTROMETER.
N66-38363 20F S04 23 HC$ 2.00 MF$ 0.50

ATOMIC COLLISION
CLASSICAL AND QUANTAL SCATTERING. I - THE CLASSICAL ACTION.
N66-33175 20H S04 19 HC$ 1.00 MF$ 0.50

THEORY OF PROTON-HYDROGEN COLLISIONS.
N66-33183 20H S04 19 HC$ 2.00 MF$ 0.50

ATOMIC RECOMBINATION
PHOTOVOLTAIC EFFECT AND UTILIZATION OF PHOTOVOLTAIC CELLS - EFFECT OF SUB-THRESHOLD ELECTRON RADIATION ON SURFACE PROPERTIES OF GE P-V CELLS SECOND SEMIANNUAL REPORT, 1 NOV. 1965 - 31 MAY 1966.
N66-33388 10A S04 19 HC$ 2.00 MF$ 0.50

ATOMIC STRUCTURE, IONIZATION
RESEARCH INVESTIGATION DIRECTED TOWARD EXTENDING THE USEFUL RANGE OF THE ELECTROMAGNETIC SPECTRUM.
AD-457 119 20E U41 24 HC$ 7.60

ATTENTION, MONKEYS
HUMAN AND ANIMAL VIGILANCE.
AD-641 703 5J T66 24

ATTITUDE CONTROL
MEASURED PERFORMANCE OF WATER VAPOR JETS FOR SPACE VEHICLE ATTITUDE CONTROL SYSTEMS.
N66-32955 22B S04 19 HC$ 1.00 MF$ 0.50

A SYSTEM FOR INERTIAL EXPERIMENT POINTING AND ATTITUDE CONTROL.
N66-32957 17G S04 19 HC$ 2.50 MF$ 0.75

RANGER BLOCK III ATTITUDE CONTROL SYSTEM - MANUFACTURING, TESTING, AND PERFORMANCE.
N66-38501 22B S04 23 HC$ 3.00 MF$ 0.75

ATTITUDES, CIVIL DEFENSE SYSTEMS
CRISIS LEVEL AND CIVIL DEFENSE ATTITUDES.
AD-641 989 5J T66 24 HC$ 3.00 MF$ 0.75

ATTITUDES, PERSONALITY
PERSONALITY DIFFERENCES IN DISSONANCE RESOLUTION.
AD-641 511 5J T66 24 HC$ 1.00 MF$ 0.50

ATTITUDES, SOCIAL PSYCHOLOGY
EFFECT OF ATTITUDE ON JUDGMENTS OF PLAUSIBILITY.
AD-641 558 5J T66 24

AUDITORY PERCEPTION, LANGUAGE
THE EFFECT OF CONTEXT ON AURAL PERCEPTION OF WORDS.
AD-641 839 5J T66 24

AURORAE, SKY BRIGHTNESS
AURORA AND AIRGLOW, ADVANCED STUDY INSTITUTE, KEELE (ENGLAND), AUGUST 15-26, 1966.
AD-641 422 4A T66 24 HC$ 2.00 MF$ 0.50

AURORAE, X-RAY SPECTRUM
ENERGY SPECTRUM FOR AURORAL-ZONE X RAYS. I. DIURNAL AND TYPE EFFECTS.
AD-641 458 4A T66 24

SPATIAL AND TEMPORAL CHARACTER OF FAST VARIATIONS IN AURORAL ZONE X RAYS.
AD-641 459 4A T66 24

AUTOCORRELATION
SCATTERING OF ENERGETIC PARTICLES BY LABORATORY PLASMAS.
N66-34876 20I S04 19 HC$ 2.00 MF$ 0.50

AUTOMATA, CODING
ON THE ERROR CORRECTING CAPACITY OF FINITE AUTOMATA.
AD-641 809 9B T66 24

AUTOMATA, COMPUTER STORAGE DEVICES
ON THE BOUND TO THE MEMORY OF A SEQUENTIAL MACHINE.
AD-641 808 9B T66 24

AUTOMATA, INPUT-OUTPUT DEVICES
GENERATION OF AN OUTPUT REGULAR EXPRESSION OF A SEQUENTIAL MACHINE WITH A SPECIFIED INPUT REGULAR EXPRESSION.
AD-641 745 9B T66 24 HC$ 1.00 MF$ 0.50

AUTOMATA, SYNTHESIS
SYNTHESIS OF AUTOMATA BY DECOMPOSITION TECHNIQUES.
AD-641 672 9B T66 24 HC$ 1.00 MF$ 0.50

AUTOMATA, THEORY
ON ASYMPTOTIC ESTIMATES IN SWITCHING AND AUTOMATA THEORY.
AD-641 810 9B T66 24

AUTOMATIC DATA PROCESSING SYSTEM
SPECTRAL ANALYSIS TECHNIQUES AND PATTERN RECOGNITION METHODS FOR ELECTROENCEPHALOGRAPHIC DATA.
N66-33387 6B S04 19 HC$ 2.00 MF$ 0.50

RADIO ASTRONOMY SIGNAL SPECTRUM ANALYSER.
N66-33396 9F S04 19 HC$ 2.00 MF$ 0.50

AUTONOMIC AGENTS, BLOOD VESSELS
THE EFFECTS OF GANGLIONIC BLOCKADE UPON THE PRESSOR RESPONSE ELICITED BY ELEVATION OF THE CEREBRAL SPINAL FLUID PRESSURE.
AD-641 527 6O T66 24

AUTONOMIC NERVOUS SYSTEM, CONDITIONED REFLEX
OPERANT ELECTRODERMAL CONDITIONING SOME EFFECTS OF MULTIPLE SCHEDULES OF REINFORCEMENT.
AD-641 699 5J T66 24 HC$ 1.00 MF$ 0.50

AUTORADIOGRAPHY, TRYPTOPHAN
AN AUTORADIOGRAPHIC STUDY OF TRYPTOPHANE-H3 INCORPORATION INTO RAT ENAMEL AND DENTINE MATRICES.
AD-642 804 6E T66 24

AVIATION ACCIDENTS, POISONS
PROTECTING THE AG PILOT.
AD-641 478 1B T66 24 HC$ 1.00 MF$ 0.50

AVIATION PERSONNEL, SELECTION
ACADEMIC GRADES OF STUDENTS IN THE NAVAL SCHOOL OF PRE-FLIGHT.
AD-641 588 5I T66 24 HC$ 2.00 MF$ 0.50

SUPPLEMENTARY REPORT ON PROJECT ON PRE-FLIGHT GRADES.
AD-641 592 5I T66 24 HC$ 1.00 MF$ 0.50

A STUDY OF INDIVIDUAL DIFFERENCES AMONG NAVAL AVIATION STUDIENTS.
AD-641 593 5I T66 24 HC$ 2.00 MF$ 0.50

AVIATION SAFETY, FLIGHT INSTRUMENTS
IN-FLIGHT RESPONSE TO A NEW NON-GYROSCOPIC BLIND FLIGHT INSTRUMENT.
AD-641 479 1D T66 24 HC$ 1.00 MF$ 0.50

AXIAL COMPRESSION
THE INFLUENCE OF THE BOUNDARY CONDITIONS ON THE BUCKLING LOAD OF CYLINDRICAL SHELLS UNDER AXIAL COMPRESSION.
N66-33465 20K S04 19 HC$ 2.00 MF$ 0.50

IMPERFECTION-SENSITIVITY OF EXTERNALLY PRESSURIZED SPHERICAL SHELLS.
N66-38362 20K S04 23 HC$ 2.00 MF$ 0.50

AXIAL LOAD
THE EIGENVALUE PROBLEM FOR BEAMS AND RECTANGULAR PLATES WITH LINEARLY VARYING IN-PLANE AND AXIAL LOAD.
N66-33025 20K S04 19 HC$ 2.00 MF$ 0.50

AXISYMMETRIC BODY
A WIND-TUNNEL INVESTIGATION OF THE DYNAMIC STABILITY OF AXISYMMETRIC MODELS WITH HAMMERHEAD NOSES IN TRANSONIC FLOW.
N66-38365 1A S04 23 HC$ 2.00 MF$ 0.50

AZIDES, BIBLIOGRAPHIES
AZIDE TITLES.
AD-641 697 19A T66 24 HC$ 3.00 MF$ 0.75

AZIDES, LEAD COMPOUNDS
INVESTIGATION OF METHODS FOR THE ANALYSIS OF LEAD AZIDE.
AD-156 422 7C U41 24 HC$ 1.60

BACILLUS ANTHRACIS, DISEASES
PATHOPHYSIOLOGY OF ANTHRAX.
AD-641 933 6E T66 24

BACILLUS ANTHRACIS, IDENTIFICATION
DIFFERENTIAL MEDIA FOR THE IDENTIFICATION OF BACILLUS ANTHRACIS.
AD-641 945 6M T66 24

BACKSCATTER
FEASIBILITY STUDY FOR AN X-RAY BACKSCATTER FREE AIR DENSITY SENSOR.
N66-38688 14B S04 23 HC$ 3.00 MF$ 1.00

BACTERIA
DETERMINATION OF THE INDIGENOUS MICROFLORA OF MEN IN CONTROLLED ENVIRONMENTS FINAL REPORT, JUL. 1964 - NOV. 1965.
N66-38192 6M S04 23 HC$ 7.00 MF$ 2.00

BACTERIA, COUNTING METHODS
EVALUATION OF AN AUTOMATIC ELECTRONIC DEVICE FOR COUNTING BACTERIAL COLONIES,
AD-642 007 6M T66 24

BACTERIA, OSMOSIS
RAPID CHANGES IN BACTERIA FOLLOWING INTRODUCTION INTO HYPERTONIC MEDIA,
AD-641 940 6M T66 24

BACTERIA, SPACE MEDICINE
STUDY OF MAN DURING A 56-DAY EXPOSURE TO AN OXYGEN-HELIUM ATMOSPHERE AT 258 MM. HG TOTAL PRESSURE. XI. ORAL, CUTANEOUS, AND AEROSOL BACTERIOLOGIC EVALUATION,
AD-641 815 6S T66 24

BACTERIOPHAGES, AEROSOLS
SAMPLING SUBMICRON T1 BACTERIOPHAGE AEROSOLS,
AD-642 006 6M T66 24

BALANCES, CALIBRATION
AIRCRAFT WEIGHING SCALES MODEL NWP-1 GILMORE INDUSTRIES,
PB-173 480 14B U41 24 MCS 2.00 MFS 0.50

BALL BEARING
SUPERSONIC TRANSPORT LUBRICATION SYSTEM INVESTIGATION THIRD SEMIANNUAL REPORT, 1 NOV. 1965 - 1 MAY 1966,
N66-32922 13I S04 19 MCS 3.00 MFS 1.00

BALLISTIC RANGE
A NEW FOUR-CHANNEL SCANNING SPECTROMETER FOR BALLISTIC-RANGE RADIOMETRY,
N66-37640 20F S04 23 MCS 1.00 MFS 0.50

BALLISTICS
METEOROLOGICAL DATA REPORT, AEROBEE NASA 4.106 NP (9 MAY 1966),
N66-33391 4B S04 19 MCS 2.00 MFS 0.50

A SYSTEM TO MEASURE THE MASS OF A PROJECTILE LAUNCHED FROM AN EXPLODING FOIL GUN FINAL REPORT,
N66-37644 14A S04 23 MCS 2.50 MFS 0.75

BALLONS, SAFETY VALVES
DISCLOSURES ON A TRANSROTOR ENGINE, HIGH TEMPERATURE PLATINUM RESISTANCE THERMOMETER, DYNAMIC ANALOG CORRELATION SYSTEM, AND COMBINATION METERING AND SAFETY VALVE FOR FILLING SONDE BALLONS WITH HYDROGEN,
NBS-TN-295 14B U41 24 MCS 0.25 MFS 0.50

BALLOON FLIGHT
AN APPARENTLY HIGH FLUX OF PRIMARY COSMIC-RAY GAMMA-PARTICLES AT 41 DEG N. MAG.,
N66-32964 20H S04 19 MCS 1.00 MFS 0.50

BAND THEORY OF SOLIDS, ELECTRONS
ENERGY DEPENDENCE OF THE OPTICAL POTENTIAL FOR ELECTRONS,
AD-641 637 20C T66 24

BAND THEORY OF SOLIDS, FERROMAGNETISM
GROUND STATE OF CORRELATED ELECTRONS IN A NARROW ALMOST HALF FILLED S BAND,
AD-641 777 20C T66 24

BAND THEORY OF SOLIDS, SUPERCONDUCTIVITY
ENERGY GAP IN SPHERICAL NUCLEI,
AD-641 782 20C T66 24

EXACT SOLUTION OF THE ONE-PARTICLE MODEL OF EXCHANGE SCATTERING IN SOLIDS,
AD-641 783 20C T66 24

BAND THEORY OF SOLIDS, SUPERCONDUCTORS
DEPAIRING EFFECTS IN ROTATING SUPERCONDUCTORS,
AD-641 778 20C T66 24

BAND THEORY OF SOLIDS, TRANSITION ELEMENTS
ELECTRON DENSITY AND ELECTRONIC PROPERTIES IN NOBLE-METAL TRANSITION ELEMENTS,
AD-641 796 20C T66 24

BAND-PASS FILTERS, AUDIOFREQUENCY
THE EFFECT OF FREQUENCY PASSBAND UPON THE INTELLIGIBILITY OF HELIUM-SPEECH IN NOISE,
AD-641 960 17B T66 24 MCS 1.00 MFS 0.50

BARGAINING, GROUP DYNAMICS
EFFECTS ON THE SUBSEQUENT PERFORMANCE OF NEGOTIATORS OF STUDYING ISSUES OR PLANNING STRATEGIES ALONE OR IN GROUPS,
AD-641 385 5J T66 24

BARIUM ALLOYS, SUPERCONDUCTIVITY
SUPERCONDUCTING TRANSITION TEMPERATURES OF MERCURY-ALKALINE EARTH METAL COMPOUNDS,
AD-641 799 20C T66 24

BARIUM COMPOUNDS, SUPERCONDUCTIVITY
SUPERCONDUCTIVITY OF BARIUM TUNGSTEN BRONZE,
AD-641 789 20C T66 24

BARIUM, NUCLEAR STRUCTURE
QUEERNESSES IN THE DEFORMATION CHART,
AD-641 463 20H T66 24 MCS 2.00 MFS 0.50

BASE FLOW
TEMPERATURE AND DENSITY MEASUREMENTS IN THE BASE REGION OF A CLUSTERED ROCKET MODEL USING AN ELECTRON BEAM TECHNIQUE,
N66-34045 21M S04 19 MCS 4.00 MFS 1.00

BASE HEATING
STUDY ON EXHAUST PLUME RADIATION PREDICTIONS INTERIM TECHNICAL PROGRESS REPORT, 1 JUN. 1964 - 30 NOV. 1965,
N66-38105 20M S04 23 MCS 4.00 MFS 1.00

AERODYNAMICS RESEARCH AT MSFC,
N66-38487 1A S04 23 MCS 2.00 MFS 0.50

BATTERIES + COMPONENTS, ELECTRODES
AUXILIARY ELECTRODE FOR CHARGE CONTROL OF SEALED NICKEL-CADMIUM BATTERIES,
AD-456 849 10C U41 24 MCS 9.60

AD-458 844 10C U41 24 MCS 3.00

BATTERIES + COMPONENTS, MANUFACTURING METHODS
ORGANIC DEPOLARIZED CELLS UTILIZING META-DINITROBENZENE,
AD-641 852 10C T66 24 MCS 3.00 MFS 0.75

BATTERY CHARGERS, STORAGE BATTERIES
AUXILIARY ELECTRODE FOR CHARGE CONTROL OF SEALED NICKEL-CADMIUM BATTERIES,
AD-456 849 10C U41 24 MCS 9.60

BAYESIAN STATISTICS
ADAPTIVE AGE REPLACEMENT,
N66-38714 14D S04 23 MCS 1.00 MFS 0.50

BEAMS(STRUCTURAL), STRAIN(MECHANICS)
BEHAVIOR OF PRESTRESSED CONCRETE BRIDGE MEMBERS, PORTLAND CEMENT CONCRETE - PRESTRESSED CONCRETE BRIDGES (LIGHTWEIGHT AGGREGATE),
PB-173 495 13M U41 24 MCS 1.00 MFS 0.50

BEAMS(STRUCTURAL), STRESSES
A PRACTICAL ANALYSIS OF THE ANCHORAGE ZONE PROBLEM IN PRESTRESSED BEAMS,
PB-173 489 20K U41 24 MCS 3.00 MFS 0.50

BEARING
FRICTION AND WEAR BEHAVIOR OF SLIDING BEARING MATERIALS IN SODIUM ENVIRONMENTS AT TEMPERATURES UP TO 600 DEG C,
N66-37936 20K S04 23 MCS 2.00 MFS 0.50

BEARINGS, LUBRICATION
TESTS OF DRY COMPOSITE LUBRICATED BEARINGS FOR USE IN AN AEROSPACE ENVIRONMENTAL CHAMBER,
AD-458 414 11M U41 24 MCS 2.00

BEHAVIOR
SIMULATION OF ORGANISMIC MORPHOLOGY AND BEHAVIOR BY SYNTHETIC POLY-ALPHA-AMINO ACIDS,
N66-37894 6A S04 23 MCS 1.00 MFS 0.50

BEHAVIOR, MOTIVATION
SHIFTING AGREEMENT AND DISAGREEMENT IN DYADS UNDER CONDITIONS OF PERCEIVED DIFFERENCES IN TASK COMPETENCE,
AD-641 675 5J T66 24 MCS 1.00 MFS 0.50

BEHAVIOR, RADIATION EFFECTS
PERFORMANCE OF RHESUS MONKEYS DURING CONTINUOUS LOW-LEVEL GAMMA RADIATION AN EXPLORATORY STUDY,
AD-641 331 6R T66 24 MCS 2.00 MFS 0.50

BEHAVIOR, SPACE MEDICINE
THE STUDY OF MAN DURING A 56-DAY EXPOSURE TO AN OXYGEN-HELIUM ATMOSPHERE AT 258 MM. HG TOTAL PRESSURE. XIII. BEHAVIOR FACTORS,
AD-641 807 6S T66 24

BENDING VIBRATION
DYNAMIC STABILITY OF A UNIFORM FREE-FREE BEAM UNDER A GIMBALED THRUST OF PERIODICALLY VARYING MAGNITUDE,
N66-32786 20M S04 19 MCS 2.50 MFS 0.75

BERYLLIUM ALLOY
THE FABRICATION OF BERYLLIUM, VOLUME I - A SURVEY OF CURRENT TECHNOLOGY,
N66-33538 13H S04 19 MCS 3.00 MFS 1.00

BERYLLIUM, NEUTRON REACTIONS
INTERACTIONS A DEUX CORPS DANS LA REACTION 9BE(N,NN) ALPHA ALPHA A 14 MEV - I. MISE EN EVIDENCE DES ETATS RESONNANTS (TWO-BODY INTERACTION IN THE REACTION 9BE(N,NN) ALPHA ALPHA AT 14 MEV. I. EXISTENCE OF RESONATING STATES),
PB-173 398 20H U41 24 MCS 2.00 MFS 0.50

BETA PARTICLES, IONIZATION CHAMBERS
CONTRIBUTION A LA MESURE PRECISE DE L ACTIVITE DE SOURCES NON PONCTUELLES AU MOYEN DE LA CHAMBRE D IONISATION A PUITS (CONTRIBUTION TO THE PRECISE MEASUREMENT OF THE ACTIVITY OF NON-POINT SOURCES BY THE USE OF THE WELL-TYPE IONISATION CHAMBER),
PB-173 388 18D U41 24 MCS 5.00 MFS 1.00

BIBLIOGRAPHIES, DOPPLER EFFECT
RELATIVISTIC EFFECT ON THE CLASSICAL DOPPLER SHIFT AN ANNOTATED BIBLIOGRAPHY,
AD-641 504 20N T66 24 MCS 1.00 MFS 0.50

BIBLIOGRAPHIES, POWER PLANTS(ESTABLISHMENTS)
ANNOTATED BIBLIOGRAPHY OF BRATSK AND KRASNOIARSK HYDROELECTRIC PROJECTS IN CENTRAL SIBERIA, USSR,
AD-641 304 10B T66 24 MFS 0.75

BIBLIOGRAPHY
NEUTRON DETECTORS,
N66-33135 18D S04 19 MCS 7.10 MFS 2.25

ELECTRONIC PACKAGING - A BIBLIOGRAPHY,
N66-33390 9A S04 19 MCS 3.00 MFS 0.75

AEROSPACE MEDICINE AND BIOLOGY - A CONTINUING BIBLIOGRAPHY WITH INDEXES, JUNE 1966.
N66-33446 6S S04 19 HC$ 1.00 MF$ 1.25

BIBLIOGRAPHY ON GROUND-WATER POLLUTION AND WASTE WATER PURIFICATION.
N66-33720 8H S04 19 HC$ 2.50 MF$ 0.50

INDEX TO AGARD PUBLICATIONS 1952 - 1963, SUPPLEMENT NUMBER ONE.
N66-37801 22B S04 23 HC$ 3.25 MF$ 1.00

A SELECTIVE BIBLIOGRAPHY, 1949 - 1965.
N66-39723 5B S04 23 HC$ 2.00 MF$ 0.50

BINARY MIXTURE
PULSED GAS CHROMATOGRAPHIC SEPARATION FINAL REPORT.
N66-38086 7A S04 23 HC$ 4.00 MF$ 1.00

BINARY STAR
EFFECT OF NON-SYNCHRONOUS ROTATION ON CLOSE BINARY STARS.
N66-33368 3A S04 19 HC$ 1.00 MF$ 0.50

DYNAMICS AND EVOLUTION OF CLOSE BINARY SYSTEMS.
N66-33379 3B S04 19 HC$ 3.00 MF$ 0.75

BINDERS, PYROTECHNICS
STORAGE STABILITY OF PYROTECHNIC COMPOSITIONS CONTAINING VINYL ALCOHOL ACETATE RESIN.
AD-641 893 19A T66 24 HC$ 2.00 MF$ 0.50

BIOCHEMISTRY
BIOCHEMISTRY OF CNS CELLS DURING LEARNING FINAL SCIENTIFIC REPORT, 1 APR. 1965 - 31 MAR. 1966.
N66-33257 6A S04 19 HC$ 2.00 MF$ 0.50

BIOGENESIS
EVOLUTION OF DEHYDROGENASES.
N66-33382 6A S04 19 HC$ 3.00 MF$ 0.75

BIOLOGICAL MODEL
BIOLOGICAL CONTROL SYSTEMS - A CRITICAL REVIEW AND EVALUATION.
N66-37776 6P S04 23 HC$ 4.25 MF$ 2.00

BIOLOGY
PRESENT STATUS OF THE AMINO ACID CODE.
N66-33378 6A S04 19 HC$ 1.00 MF$ 0.50

EVOLUTION OF DEHYDROGENASES.
N66-33382 6A S04 19 HC$ 3.00 MF$ 0.75

AEROSPACE MEDICINE AND BIOLOGY - A CONTINUING BIBLIOGRAPHY WITH INDEXES, JUNE 1966.
N66-33446 6S S04 19 HC$ 1.00 MF$ 1.25

BIOMECHANICS
A STUDY OF MAN S PHYSICAL CAPABILITIES ON THE MOON, VOLUME II, PART 1 - BIOMECHANICS RESEARCH PROGRAM.
N66-39796 6B S04 23 HC$ 4.25 MF$ 2.00

A STUDY OF MAN S PHYSICAL CAPABILITIES ON THE MOON, VOLUME II, PART 2 - BIOMECHANICS RESEARCH PROGRAM APPENDICES.
N66-39797 6B S04 23 HC$ 4.25 MF$ 2.00

A STUDY OF MAN S PHYSICAL CAPABILITIES ON THE MOON, VOLUME III - WORK PHYSIOLOGY RESEARCH PROGRAM.
N66-39798 6B S04 23 HC$ 4.25 MF$ 2.00

BIOPHYSICS, ATMOSPHERE
INVESTIGATION OF ENERGY AND MASS TRANSFERS NEAR THE GROUND INCLUDING THE INFLUENCES OF THE SOIL-PLANT-ATMOSPHERE SYSTEM.
AD-260 693 2C U41 24 HC$ 17.10

BLACK BODY RADIATION
THEORETICAL IDEAS CONCERNING X-RAY SOURCES.
N66-39730 20H S04 23 HC$ 1.00 MF$ 0.50

BLAST LOADING
DYNAMIC RESPONSE OF A CYLINDRICAL SHELL SEGMENT SUBJECTED TO AN ARBITRARY LOADING.
N66-33381 20K S04 19 HC$ 2.00 MF$ 0.50

BLOOD
THE EFFECT OF CHANGING GRAVITY AND WEIGHTLESSNESS ON VASOPRESSIN CONTROL SYSTEMS PROGRESS REPORT, FEB. 15 - SEP. 20, 1966.
N66-38718 6S S04 23 HC$ 1.00 MF$ 0.50

BLOOD FLOW
ON THE DYNAMICS OF CAPILLARIES AND THE EXISTENCE OF PLASMA FLOW IN THE PERICAPILLARY LYMPH SPACE.
N66-32697 6P S04 19 HC$ 2.00 MF$ 0.50

BLOOD PRESSURE, SLEEP
INTRA-ARTERIAL BLOOD PRESSURE RECORDING IN THE UNRESTRAINED CHICK DURING WAKEFULNESS AND SLEEP,
AD-641 373 6P T66 24

BLOOD PROTEINS, BIOSYNTHESIS
EFFECT OF PLAGUE TOXIN ON BLOOD PROTEINS AND INCORPORATION OF METHIONINE-S35 INTO TISSUE PROTEINS,
AD-641 427 6E T66 24 HC$ 1.00 MF$ 0.50

BLOWERS, FLUID FLOW
ON OPERATION OF PUMPS AND BLOWERS UNDER REDUCED FEED REGIMES.
AD-641 856 20D T66 24 HC$ 1.00 MF$ 0.50

BLOWING
EFFECTS OF PERIODIC BLOWING THROUGH FLUSH TRANSVERSE SLOTS ON TURBULENT BOUNDARY LAYER SKIN FRICTION.
N66-38804 1A S04 23 HC$ 2.50 MF$ 0.75

BLUNT BODY
ROUGHNESS EFFECTS ON BOUNDARY-LAYER TRANSITION FOR BLUNT-LEADING-EDGE PLATES AT MACH 6.
N66-33015 1A S04 19 HC$ 2.00 MF$ 0.50

NOTE ON A CORRELATION OF BOUNDARY-LAYER TRANSITION RESULTS ON HIGHLY COOLED BLUNT BODIES.
N66-33308 20M S04 19 HC$ 1.00 MF$ 0.50

BOUNDARY-LAYER-TRANSITION AND HEAT-TRANSFER MEASUREMENTS FROM FLIGHT TESTS OF BLUNT AND SHARP 50 DEGREE CONES AT MACH NUMBERS FROM 1.7 TO 4.7.
N66-33310 1A S04 19 HC$ 2.00 MF$ 0.50

TRANSONIC STATIC AND DYNAMIC LONGITUDINAL STABILITY CHARACTERISTICS OF A LOW-FINENESS- RATIO, BLUNTED-CYLINDER REENTRY BODY HAVING A CONVERGING-CONE AFTERBODY.
N66-33318 1D S04 19 HC$ 2.00 MF$ 0.50

CONVECTIVE HEAT TRANSFER TO A LIFTING FLAT-FACED-CONE ENTRY BODY.
N66-33322 20M S04 19 HC$ 2.00 MF$ 0.50

MEASUREMENTS OF THE MACH NUMBER AND PRESSURE ON THE AFTERBODY OF A BLUNT-NOSED MODEL IN FREE FLIGHT AT MACH NUMBERS FROM 6.5 TO 14.
N66-33338 1A S04 19 HC$ 1.00 MF$ 0.50

RADIATIVE HEAT TRANSFER NEAR THE STAGNATION POINT OF A BLUNT BODY.
N66-33702 20M S04 19 HC$ 1.00 MF$ 0.50

FLOW FIELD COMPUTER PROGRAM FINAL REPORT.
N66-33713 20D S04 19 HC$ 2.50 MF$ 0.50

STUDY OF LOCAL FLOW CONDITIONS OVER A HEMISPHERICALLY BLUNTED 25 DEG CONE FOR A SHALLOW RE-ENTRY TRAJECTORY.
N66-33979 22C S04 19 HC$ 2.00 MF$ 0.50

BODY OF REVOLUTION
TRANSONIC WIND-TUNNEL MEASUREMENTS OF SOME DYNAMIC LONGITUDINAL AND DIRECTIONAL STABILITY PARAMETERS FOR A FINNED SPINNING BODY OF REVOLUTION HAVING A HIGH FINENESS RATIO.
N66-33323 1A S04 19 HC$ 1.00 MF$ 0.50

HEAT-TRANSFER AND PRESSURE DISTRIBUTIONS ON A FLAT-FACE ROUNDED-CORNER BODY OF REVOLUTION WITH AND WITHOUT A FLAP AT A MACH NUMBER OF 8.
N66-33334 20M S04 19 HC$ 2.50 MF$ 0.75

BOEING 707 AIRCRAFT
INFLIGHT AND GROUND-BASED SIMULATION OF HANDLING QUALITIES OF VERY LARGE AIRPLANES IN LANDING APPROACH.
N66-38805 1B S04 23 HC$ 2.50 MF$ 0.75

BOILERS, MARINE ENGINEERING
REPRESENTATIVE RESEARCH PAPERS OF THE APPLIED PHYSICS DEPARTMENT.
AD-641 842 20D T66 24

BOILING
PRESSURIZATION OF LIQUID OXYGEN CONTAINERS PROGRESS REPORT NO. 7, NOV. 1963 - NOV. 1964.
N66-33180 20M S04 19 HC$ 3.00 MF$ 0.75

BOLTS, STRUCTURAL PROPERTIES
CALIBRATION TEST OF A490 HIGH-STRENGTH BOLTS.
PB-173 405 13E U41 24 HC$ 1.00 MF$ 0.50

BOMB TRAJECTORIES, PROGRAMMING(COMPUTERS)
AN IBM 7090 SIX DEGREES OF FREEDOM RIGID BODY TRAJECTORY PROGRAM.
PB-173 471 19D U41 24 HC$ 4.60 MF$ 0.50

BOMBER AIRCRAFT
LOW-SPEED INVESTIGATION OF EFFECTS OF VERTICAL TAILS ON THE STATIC STABILITY CHARACTERISTICS OF A CANARD-BOMBER CONFIGURATION HAVING A VERY THIN WING AND A SLENDER ELLIPTICAL FUSELAGE.
N66-33336 1A S04 19 HC$ 1.00 MF$ 0.50

BONDING
THERMOELECTRIC BONDING STUDY QUARTERLY PROGRESS REPORT, 1 APR. - 30 JUN. 1966.
N66-38792 13H S04 23 HC$ 2.00 MF$ 0.50

BONE, HEALING
HISTOLOGIC RESPONSE OF BONE TO SECTIONING BY HIGH-SPEED ROTARY INSTRUMENTS.
AD-641 929 6E T66 24

BOOSTER RECOVERY
DYNAMIC-MODEL INVESTIGATION OF SOME LANDINGS AND SLIDEOUTS OF A RECOVERABLE BOOSTER.
N66-33450 22D S04 19 HC$ 1.00 MF$ 0.50

BORANES, MASS SPECTROSCOPY
ANALYSIS OF BORANES AND CARBORANES BY MASS SPECTROMETRY.
AD-641 578 7B T66 24 HC$ 2.00 MF$ 0.50

BORON COMPOUNDS, HIGH-PRESSURE RESEARCH
THE EFFECT OF HIGH PRESSURE ON B203 CRYSTALLIZATION, DENSIFICATION, AND THE CRYSTALLIZATION ANOMALY.
AD-641 324 11B T66 24 HC$ 3.00 MF$ 0.50

BOUNDARY LAYER

EFFECTS OF BOUNDARY-LAYER SUCTION AND SPOILERS ON TRANSONIC FLUTTER DERIVATIVES FOR A MIDSPAN CONTROL SURFACE ON AN UPSWEPT WING.
N66-33315 1D S04 19 HC$ 2.00 MF$ 0.50

A REVIEW OF FLIGHT AND WIND TUNNEL MEASUREMENTS OF BOUNDARY LAYER PRESSURE FLUCTUATIONS AND INDUCED STRUCTURAL RESPONSE.
N66-38424 1A S04 23 HC$ 2.50 MF$ 0.75

BOUNDARY LAYER TRANSITION
A REVIEW OF FACTORS AFFECTING BOUNDARY-LAYER TRANSITION.
N66-32940 20D S04 19 HC$ 2.00 MF$ 0.50

ROUGHNESS EFFECTS ON BOUNDARY-LAYER TRANSITION FOR BLUNT-LEADING-EDGE PLATES AT MACH 6.
N66-33019 1A S04 19 HC$ 2.00 MF$ 0.50

NOTE ON A CORRELATION OF BOUNDARY-LAYER TRANSITION RESULTS ON HIGHLY COOLED BLUNT BODIES.
N66-33308 20M S04 19 HC$ 1.00 MF$ 0.50

BOUNDARY-LAYER-TRANSITION AND HEAT-TRANSFER MEASUREMENTS FROM FLIGHT TESTS OF BLUNT AND SHARP 50 DEGREE CONES AT MACH NUMBERS FROM 1.7 TO 4.7.
N66-33310 1A S04 19 HC$ 2.00 MF$ 0.50

BOUNDARY LAYER, NOISE
TURBULENCE-INDUCED PANEL VIBRATION,
AD-449 045 20K U41 24 HC$ 3.00

BOUNDARY VALUE PROBLEMS, PARTIAL DIFFERENTIAL EQUATIONS
A GENERALIZED GOURSAT PROBLEM FOR ELLIPTIC EQUATIONS,
AD-641 724 12A T66 24

BOUNDARY VALUE PROBLEMS, THEOREMS
ON THE UNIQUENESS OF THE SOLUTION TO ELASTOSTATIC BOUNDARY-VALUE PROBLEMS FOR THE HALF-SPACE.
AD-641 651 12A T66 24 HC$ 1.00 MF$ 0.50

BOW SHOCK
ACCELERATION OF ELECTRONS NEAR THE EARTH S BOW SHOCK,
N66-33413 20M S04 19 HC$ 1.00 MF$ 0.50

BRAIN
RESEARCH IN PSYCHOBIOLOGY,
N66-33445 5J S04 19 HC$ 1.00 MF$ 0.50

INVESTIGATION OF PEROGNATHUS AS AN EXPERIMENTAL ORGANISM FOR RESEARCH IN SPACE BIOLOGY PROGRESS REPORT, 1 APR. - 30 JUN. 1966.
N66-34072 6F S04 19 HC$ 1.00 MF$ 0.50

BRAIN, NUCLEIC ACIDS
MOLECULAR NEUROCHEMISTRY OF THE BRAIN DURING CONDITIONED AVOIDANCE BEHAVIOR,
AD-641 615 5J T66 24 HC$ 2.00 MF$ 0.50

BRAYTON CYCLE
BRAYTON-CYCLE TURBOMACHINERY ROLLING-ELEMENT BEARING SYSTEM FOURTH QUARTERLY REPORT, 2 AFR. - 2 JUL. 1966.
N66-38491 13I S04 23 HC$ 2.00 MF$ 0.50

BRAZIL, GEOLOGY
GEOLOGY AND GEOMORPHOLOGY OF THE COASTAL PLAIN RIO GRANDE DO SUL, BRAZIL AND NORTHERN URGUAY.
AD-641 402 8G T66 24 HC$ 3.00 MF$ 0.75

BREEDER REACTORS, REACTOR FUEL ELEMENTS
RESULTATS D IRRADIATION D ELEMENTS COMBUSTIBLES EN OXYDE MIXTE UO2 - PUO2 (RESULTS OF THE IRRADIATION OF MIXED UO2 - PUO2 OXIDE FUEL ELEMENTS),
PB-173 385 18J U41 24 HC$ 3.00 MF$ 0.75

BREGUET 941 AIRCRAFT
BREGUET.941 - IDENTIFICATION, PERFORMANCE, FLIGHT QUALITIES.
N66-38360 1C S04 23 HC$ 3.25 MF$ 1.25

BREMSSTRAHLUNG
INTERMEDIATE ENERGY PHYSICS, VOLUME II.
N66-32766 20M S04 19 HC$ 4.25 MF$ 2.00

THEORETICAL IDEAS CONCERNING X-RAY SOURCES.
N66-39730 20M S04 23 HC$ 1.00 MF$ 0.50

BRIDGES, BEAMS(STRUCTURAL)
BEHAVIOR OF PRESTRESSED CONCRETE BRIDGE MEMBERS. PORTLAND CEMENT CONCRETE - PRESTRESSED CONCRETE BRIDGES (LIGHTWEIGHT AGGREGATE),
PB-173 495 13M U41 24 HC$ 1.60 MF$ 0.50

BRIDGES, REINFORCED CONCRETE
BEHAVIOR OF CONTINUOUS PRESTRESSED CONCRETE BEAMS.
PB-173 406 13M U41 24 HC$ 2.00 MF$ 0.50

BRITISH COLUMBIA, TREES
PROPERTIES AND UTILIZATION OF LODGEPOLE PINE IN WESTERN CANADA,
PB-173 469 11L U41 24 HC$ 2.60 MF$ 0.50

BUCKLING
AN EXPERIMENTAL STUDY OF THE BUCKLING OF COMPLETE SPHERICAL SHELLS.
N66-33460 20K S04 19 HC$ 3.00 MF$ 0.75

THE INFLUENCE OF THE BOUNDARY CONDITIONS ON THE BUCKLING LOAD OF CYLINDRICAL SHELLS UNDER AXIAL COMPRESSION.
N66-33465 20K S04 19 HC$ 2.00 MF$ 0.50

TEST OF A LARGE-DIAMETER RING-STIFFENED CYLINDER SUBJECTED TO HYDROSTATIC PRESSURE,
N66-38411 20K S04 23 HC$ 1.00 MF$ 0.50

BUCKLING(MECHANICS), STRUCTURAL SHELLS
EXPERIMENTAL AND THEORETICAL STUDIES ON BUCKLING OF CONICAL AND CYLINDRICAL SHELLS UNDER COMBINED LOADING.
AD-641 971 20K T66 24 HC$ 5.00 MF$ 1.00

BUFFETING
NACA CONFERENCE ON AIRCRAFT LOADS, FLUTTER, AND STRUCTURES - A COMPILATION OF THE PAPERS PRESENTED.
N66-33351 20K S04 19 HC$ 6.36 MF$ 3.00

BUOYANCY
BUOYANCY EFFECTS ON CRITICAL HEAT FLUX OF FORCED CONVECTIVE BOILING IN VERTICAL FLOW.
N66-38143 20M S04 23 HC$ 1.00 MF$ 0.50

BURNING RATE, EQUATIONS
AN EXPRESSION FOR THE BURNING VELOCITY IN SIMULTANEOUS HOMOGENEOUS AND HETEROGENEOUS REACTIONS,
AD-641 866 21B T66 24 HC$ 1.00 MF$ 0.50

BURNS, RADIATION INJURIES
A RATE PROCESS THEORY OF THERMAL INJURY,
AD-212 660 6R U41 24 HC$ 3.60

CADMIUM
EFFECTIVE CADMIUM CUTOFF ENERGY FOR CYLINDRICAL DETECTORS WITH CYLINDRICAL FILTERS.
N66-38351 18D S04 23 HC$ 1.00 MF$ 0.50

CADMIUM ALLOYS, SUPERCONDUCTIVITY
SUPERCONDUCTIVITY IN THE ALLOY SYSTEM CADMIUM-MERCURY AND THE EFFECT OF ORDERING UPON SUPERCONDUCTIVITY,
AD-641 802 20C T66 24

CADMIUM ALLOYS, TRANSFORMATIONS
ORDER-DISORDER TRANSFORMATIONS AT 2 1 COMPOSITION IN THE CADMIUM-MERCURY SYSTEM.
AD-641 798 20B T66 24

CADMIUM COMPOUND
NASA TUNGSTEN REACTOR RADIATION CHEMISTRY STUDIES FINAL REPORT,
N66-38496 7E S04 23 HC$ 3.00 MF$ 1.00

CADMIUM COMPOUNDS, SULFIDES
INJECTION CAUSED P-N JUNCTION IN CDS.
AD-641 490 20L T66 24 HC$ 1.00 MF$ 0.50

MONOCHROMATIC ILLUMINATION OF CADMIUM-SULFIDE OSCILLATOR,
AD-641 711 9E T66 24

CADMIUM SULFIDE
INFRARED QUENCHING OF THE PHOTOVOLTAIC EFFECT IN CADMIUM SULFIDE.
N66-33685 20L S04 19 HC$ 1.00 MF$ 0.50

EFFECT OF CRYSTALLINE STRUCTURE ON THE PHOTOELECTRIC PROPERTIES OF THIN LAYERS OF CADMIUM SULFIDE.
N66-33705 20L S04 19 HC$ 1.00 MF$ 0.50

THERMAL CYCLING OF THIN-FILM CADMIUM SULFIDE SOLAR CELLS.
N66-37674 10A S04 23 HC$ 1.00 MF$ 0.50

MULTILAYER OHMIC CONTACTS ON CD S.
N66-38275 9A S04 23 HC$ 1.00 MF$ 0.50

CADMIUM, ELECTRODEPOSITION
A RADIOCHEMICAL INVESTIGATION OF THE MECHANISM OF FORMATION OF CYANIDE FILMS ON STEEL COMPONENTS IN ALKALI-CYANIDE ELECTROPLATING BATHS,
AD-641 662 11F T66 24 HC$ 2.00 MF$ 0.50

CALCIUM ALLOYS, SUPERCONDUCTIVITY
SUPERCONDUCTING TRANSITION TEMPERATURES OF MERCURY-ALKALINE EARTH METAL COMPOUNDS,
AD-641 799 20C T66 24

CALCIUM COMPOUNDS, NUCLEAR MAGNETIC RESONANCE
NUCLEAR MAGNETIC RESONANCE STUDIES OF PURE AND SAMARIUM-DOPED CAF2 CRYSTALS.
AD-641 791 7D T66 24

CALCIUM COMPOUNDS, OXIDES
REFRACTIVE INDEX OF CALCIUM OXIDE.
AD-641 787 20B T66 24

CALCIUM, TOXICITY
EFFECT OF CALCIUM CHLORIDE AND MAGNESIUM SULFITE ON THE RATE OF RIGOR MORTIS,
AD-641 751 6A T66 24 HC$ 1.00 MF$ 0.50

CALCULUS OF VARIATIONS, MATRIX ALGEBRA
SOME APPLICATIONS OF THE NEW MAXIMUM-MINIMUM THEORY OF EIGENVALUES.
AD-641 532 12A T66 24

SOME RESULTS IN INTERMEDIATE PROBLEMS FOR EIGENVALUES,
AD-641 721 12A T66 24

CALCULUS OF VARIATIONS, THEOREMS
SUFFICIENT CONDITIONS FOR GLOBAL EXTREMA IN THE CALCULUS OF VARIATIONS,
AD-641 453 12A T66 24

CALIBRATION, BALANCES
AIRCRAFT WEIGHING SCALES MODEL NWP-1 GILMORE INDUSTRIES.
PB-173 480 14B U41 24 HC$ 2.00 MF$ 0.50

CALIBRATION, OSCILLATORS
AUDIO OSCILLATOR, LAJ-4.

PB-173 592 9C U41 24 HC$ 1.00 MF$ 0.50

CALIBRATION, OSCILLOSCOPES
OSCILLOSCOPE 138A OR 138B (HEWLETT-PACKARD).
PB-173 449 14B U41 24 HC$ 1.00 MF$ 0.50

CALIBRATION, PREAMPLIFIERS
OSCILLOSCOPE PREAMPLIFIER MX-2721, MX-2930A, MX-2930B, 162A, 162B, 162C, HO1-162A, HO2-162A, HO2-162B (HEWLETT-PACKARD) 1804A-2 (HICKOK).
PB-173 339 14B U41 24 HC$ 2.00 MF$ 0.50

CALIBRATION, SIGNAL GENERATORS
RF SIGNAL GENERATOR SETS, AN/URM-25, AN/URM-25A, AN/URM-25B,
PB-173 450 9C U41 24 HC$ 1.00 MF$ 0.50

RF SIGNAL GENERATOR SET, AN/URM-25D (SG-89/URM-25D), AN/URM-25E (SG-111/URM-25E).
PB-173 508 9C U41 24 HC$ 1.00 MF$ 0.50

CALIBRATION, TEST SETS
RADIO FREQUENCY POWER TEST SET AN/USM-96.
PB-173 485 14B U41 24 HC$ 1.00 MF$ 0.50

CALIFORNIA, RESEARCH PROGRAM ADMINISTRATION
EXPLORATORY WORK ON THE PROBLEM OF REDUCED VISIBILITY,
PB-173 412 13L U41 24 HC$ 1.00 MF$ 0.50

CALORIMETRY
MIXING AND HEAT TRANSFER OF AN ARGON ARCJET WITH A COAXIAL FLOW OF COLD HELIUM FINAL REPORT.
N66-37643 21C S04 23 HC$ 3.00 MF$ 0.75

CAMOUFLAGE, PHOTOCHEMISTRY
STUDY OF CHROMOTROPIC PROPERTIES OF COLORANTS,
AD-449 505 7C U41 24 HC$ 3.00

CANARD
LOW-SPEED INVESTIGATION OF EFFECTS OF VERTICAL TAILS ON THE STATIC STABILITY CHARACTERISTICS OF A CANARD-BOMBER CONFIGURATION HAVING A VERY THIN WING AND A SLENDER ELLIPTICAL FUSELAGE.
N66-33336 1A S04 19 HC$ 1.00 MF$ 0.50

CANCER, CHEMICAL COMPOUNDS
ASSAY OF CARCINOGENICITY OF VARIOUS CHEMICALS. SUPPLEMENT I.
PB-173 466 6D U41 24 HC$ 3.00 MF$ 0.75

ASSAY OF CARCINOGENICITY OF VARIOUS CHEMICALS,
PB-173 467 6D U41 24 HC$ 2.00 MF$ 0.50

CANCER, CHEMOTHERAPEUTIC AGENTS
TOXICOLOGIC EVALUATION OF ABBOTT CRYSTALLINE ANTIBIOTIC NSC-51954 (CLINICAL FORMULATION),
PB-173 462 6D U41 24 HC$ 1.00 MF$ 0.50

CANCER, TISSUE CULTURE CELLS
CATHODE LUMINESCENCE OF NORMAL AND CANCEROUS CELLS,
AD-641 758 6C T66 24 HC$ 1.00 MF$ 0.50

CAPACITORS, HAFNIUM
CAPACITOR CHARACTERISTICS OF ANODIZED THIN-FILM HAFNIUM,
AD-641 339 9A T66 24 HC$ 2.00 MF$ 0.50

CAPACITORS, RADIATION DAMAGE
STUDY OF EFFECT OF HIGH-INTENSITY PULSED NUCLEAR RADIATION ON ELECTRONIC PARTS AND MATERIALS (SCORRE).
AD-641 673 9E T66 24 HC$ 3.00 MF$ 0.75

CAPILLARY CIRCULATION
ON THE DYNAMICS OF CAPILLARIES AND THE EXISTENCE OF PLASMA FLOW IN THE PERICAPILLARY LYMPH SPACE.
N66-32697 6P S04 19 HC$ 2.00 MF$ 0.50

CARBOHYDRATE
SEPARATION OF SIMPLE SUGARS ON CELLULOSE LAYERS.
N66-33684 6A S04 19 HC$ 1.00 MF$ 0.50

CARBON
RECENT STUDIES ON PYROLYTIC CARBON COATINGS ON FUEL PARTICLES.
N66-38087 18G S04 23 HC$ 2.00 MF$ 0.50

CARBON COMPOUNDS, METABOLISM
METABOLISM OF C1 COMPOUNDS BY MICROORGANISMS.
AD-641 993 6M T66 24 HC$ 2.00 MF$ 0.50

CARBON DIOXIDE
FORMATION OF CO2 RADICAL IONS WHEN CO2 IS ADSORBED ON IRRADIATED MAGNESIUM OXIDE.
N66-33166 7C S04 19 HC$ 1.00 MF$ 0.50

THERMALLY REGENERABLE CARBON DIOXIDE ABSORBENT SYSTEM FINAL REPORT, 1 MAY 1964 - 31 JAN. 1966.
N66-33499 7A S04 19 HC$ 3.75 MF$ 1.50

CARBON DIOXIDE CONCENTRATION SYSTEM FINAL REPORT.
N66-38499 6K S04 23 HC$ 3.25 MF$ 1.25

CARBON DIOXIDE, INFRARED RADIATION
INFRARED RADIATION EMITTED BY HOT GASES AND ITS TRANSMISSION THROUGH SYNTHETIC ATMOSPHERES.
AD-295 816 20F U41 24 HC$ 9.60

CARBON DIOXIDE, SUBLIMATION
SOLID CARBON-DIOXIDE SUBLIMATION AT AN AXISYMMETRIC STAGNATION POINT.
AD-641 420 20H T66 24

CARBON MONOXIDE INDICATORS, PERFORMANCE(ENGINEERING)
AN EVALUATION OF LOW-COST CARBON MONOXIDE INDICATORS.
AD-641 670 13L T66 24 HC$ 2.00 MF$ 0.50

CARDIOVASCULAR SYSTEM
NASA CONTRIBUTIONS TO - CARDIOVASCULAR MONITORING,
N66-32925 6B S04 19 HC$ 2.00 MF$ 0.50

CARDIOVASCULAR SYSTEM, DECOMPRESSION
SOME CARDIOVASCULAR RESPONSES IN ANESTHETIZED DOGS DURING REPEATED DECOMPRESSIONS TO A NEAR-VACUUM,
AD-641 970 6S T66 24 HC$ 1.00 MF$ 0.50

CARGO VEHICLES, ARMED FORCES TRANSPORTATION
SYSTEM DESCRIPTION FOR TRUCK, UTILITY 1 1/4 TON XM705 TRUCK, AMBULANCE 1 1/4 TON XM737,
AD-641 356 13F T66 24 HC$ 3.00 MF$ 0.75

CARGO, AIR TRANSPORTATION
AIRCRAFT COMPARTMENT DESIGN CRITERIA FOR THE ARMY DEPLOYMENT MISSION,
AD-241 637 1C U41 24 HC$ 4.60

A MODEL FOR THE DESIGN AND EVALUATION OF AIR CARGO SYSTEMS,
AD-641 335 15E T66 24 HC$ 3.00 MF$ 0.75

CARIBBEAN SEA, TEMPERATURE
RECENT OCEANOGRAPHIC MEASUREMENTS IN THE CARIBBEAN SEA,
AD-641 742 8J T66 24

CARRIERS(SEMICONDUCTORS), EXCITATION
DIRECT RADIATIVE EXCITON-EXCITON ANNIHILATION,
AD-641 811 7E T66 24

CASTING, PLASTICS
USE OF LOW-MELTING METAL ALLOYS FOR CASTING AND TRANSFER MOLDING OF HOLLOW PLASTIC SPHERES,
AD-641 974 13H T66 24 HC$ 1.00 MF$ 0.50

CATALYSIS, ELECTROCHEMISTRY
INVESTIGATION OF MECHANISMS FOR ELECTROCHEMICAL CATALYSIS.
AD-641 412 10B T66 24 HC$ 2.00 MF$ 0.50

CATALYSIS, HYDRAZINE
CATALYTIC REACTIONS OF HYDRAZINE,
AD-641 345 7B T66 24 HC$ 1.60 MF$ 0.50

CATHODE RAY TUBE
STUDY AND DEVELOPMENT OF THE STERILIZABLE GEIGER- MULLER TUBE FINAL REPORT.
N66-32698 18D S04 19 HC$ 2.00 MF$ 0.50

CATHODES(ELECTROLYTIC CELL), ELECTRODES -
FUEL CELL CATHODE STRUCTURES AND REACTIONS,
AD-286 698 10B U41 24 HC$ 10.60

CATHODES, SEMICONDUCTORS
INVESTIGATION AND DEVELOPMENT OF SEMICONDUCTOR-METAL CATHODES.
AD-641 614 9A T66 24 HC$ 3.00 MF$ 0.75

CATS, TREMATODES
PANCREATIC FLUKES (EURYTREMA PROCYONIS) IN DOMESTIC CATS,
AD-641 416 6C T66 24

CAVITATION, DAMAGE
CAVITATION DAMAGE AND CORRELATIONS WITH MATERIAL AND FLUID PROPERTIES,
PB-173 464 20D U41 24 HC$ 3.00 MF$ 0.50

CAVITATION, HYDROFOILS
A NONLINEAR THEORY FOR FULLY CAVITATING FLOWS PAST AN INCLINED FLAT PLATE,
AD-641 708 13J T66 24 HC$ 4.00 MF$ 0.75

CAVITY RESONANCE
AN EVALUATION OF THE OPTICAL MASER PHOTON RATE GYROSCOPE,
N66-33411 20E S04 19 HC$ 2.00 MF$ 0.50

CAVITY RESONATOR
MODIFIED TECHNIQUE FOR MEASURING DIELECTRIC CONSTANTS USING A RECTANGULAR CAVITY RESONATOR,
N66-33393 9C S04 19 HC$ 3.00 MF$ 0.50

CELESTIAL MECHANICS
EFFECT OF NON-SYNCHRONOUS ROTATION ON CLOSE BINARY STARS,
N66-33368 3A S04 19 HC$ 1.00 MF$ 0.50

DYNAMICS AND EVOLUTION OF CLOSE BINARY SYSTEMS,
N66-33379 3B S04 19 HC$ 3.00 MF$ 0.75

NEW ONE-STEP INTEGRATION METHODS OF HIGH-ORDER ACCURACY APPLIED TO SOME PROBLEMS IN CELESTIAL MECHANICS.
N66-37778 12A S04 23 HC$ 2.00 MF$ 0.50

CELLULOSE
SEPARATION OF SIMPLE SUGARS ON CELLULOSE LAYERS,
N66-33684 6A S04 19 HC$ 1.00 MF$ 0.50

CEMENTS, AGING(MATERIALS)
REACTIONS IN PORTLAND CEMENT-CLAY MIXTURES, PHASE 2, REACTIONS AND STRENGTH DEVELOPMENT IN PORTLAND CEMENT-CLAY MIXTURES,
PB-173 491 13C U41 24 HC$ 2.00 MF$ 0.50

CENTAUR LAUNCH VEHICLE
THE CURRENT MEASUREMENT IN LAUNCH VEHICLE CHECKOUT,
N66-37675 9C S04 23 HC$ 1.00 MF$ 0.50

CENTRAL NERVOUS SYSTEM
BIOCHEMISTRY OF CNS CELLS DURING LEARNING FINAL SCIENTIFIC REPORT, 1 APR. 1965 - 31 MAR. 1966.
N66-33257 6A S04 19 HC$ 2.00 MF$ 0.50

CENTRIFUGAL FORCE
SOME FREE VIBRATION AND DYNAMIC RESPONSE PROBLEMS ASSOCIATED WITH CENTRIFUGALLY STABILIZED DISK AND SHELL STRUCTURES SEMIANNUAL PROGRESS REPORT, 15 FEB. - 15 AUG. 1966,
N66-33400 20K S04 19 HC$ 1.00 MF$ 0.50

CERAMIC FIBERS, THERMAL INSULATION
THERMAL CONDUCTIVITY OF Q-FELT INSULATION AT ELEVATED TEMPERATURES.
AD-455 328 11G U41 24 HC$ 10.60

CERAMIC MATERIALS, CONDUCTIVITY
ELECTRICAL CONDUCTION BY OXYGEN IONS IN CERIUM OXIDE,
AD-641 790 20C T66 24

CERAMIC MATERIALS, DUCTILITY
RELATION OF MECHANICAL PROPERTIES TO THE STRUCTURE OF IONIC SOLIDS.
AD-641 911 11B T66 24 HC$ 2.00 MF$ 0.50

CERAMIC MATERIALS, FRACTURE(MECHANICS)
THE FRACTURE TOUGHNESS OF IMPURE MGO CRYSTALS.
AD-641 657 11B T66 24 HC$ 2.00 MF$ 0.50

CERAMICS
AN INVESTIGATION OF CERAMICS AS STRUCTURAL MATERIALS.
N66-38752 20K S04 23 HC$ 1.00 MF$ 0.50

CEREBROSPINAL FLUID, BLOOD PRESSURE
THE EFFECTS OF GANGLIONIC BLOCKADE UPON THE PRESSOR RESPONSE ELICITED BY ELEVATION OF THE CEREBRAL SPINAL FLUID PRESSURE.
AD-641 527 6D T66 24

CERIUM COMPOUNDS, OXIDES
ELECTRICAL CONDUCTION BY OXYGEN IONS IN CERIUM OXIDE,
AD-641 790 20C T66 24

CESIUM
INVESTIGATION OF COLLISION PROBABILITY OF ELECTRONS AND IONS WITH ALKALI METAL ATOMS FINAL REPORT, 22 APR. 1964 - 21 JUL. 1966.
N66-38497 20I S04 23 HC$ 3.00 MF$ 0.75

CESIUM COMPOUNDS, ELASTICITY
THE ELASTIC CONSTANTS OF SOME ALKALI HALIDES AS A FUNCTION OF TEMPERATURE AND COMPOSITION,
AD-641 653 20K T66 24 HC$ 5.00 MF$ 1.25

CESIUM, PLASMA MEDIUM
PRODUCTION AND STUDY OF A CESIUM PLASMA IN THERMODYNAMIC EQUILIBRIUM.
AD-641 854 20I T66 24 HC$ 2.00 MF$ 0.50

CHAMBER PRESSURE
EXPERIMENTAL HYDROGEN-FLUORINE ROCKET PERFORMANCE AT LOW PRESSURES AND HIGH RATIOS,
N66-33325 21I S04 19 HC$ 2.00 MF$ 0.50

EXPERIMENTAL PERFORMANCE OF A HYDROGEN- FLUORINE ROCKET ENGINE AT SEVERAL CHAMBER PRESSURES AND EXHAUST-NOZZLE EXPANSION AREA RATIOS,
N66-33348 21H S04 19 HC$ 2.00 MF$ 0.50

CHANNEL
A NEW APPROACH TO THE HOMOGENIZATION OF HETEROGENEOUS MEDIA FOR NEUTRON DIFFUSION CALCULATIONS,
N66-33373 7D S04 19 HC$ 3.00 MF$ 0.75

THEORETICAL INVESTIGATION OF TURBULENT LIQUID-METAL HEAT TRANSFER IN CHANNELS WITH HEAT SOURCES IN THE FLUID.
N66-38801 20M S04 23 HC$ 2.50 MF$ 0.75

CHANNEL FLOW
ENHANCEMENT OF CONVECTIVE HEAT TRANSFER IN CHANNELS BY MEANS OF ARTIFICIAL FLOW TURBULENCE.
N66-33767 20M S04 19 HC$ 2.00 MF$ 0.50

CHARACTER RECOGNITION, GRAPHICS
GRAPHICAL-DATA-PROCESSING RESEARCH STUDY AND EXPERIMENTAL INVESTIGATION.
AD-641 647 9B T66 24 HC$ 3.00 MF$ 0.50

CHARACTERISTIC METHOD
CHARACTERIZATION OF TIME-VARYING HUMAN OPERATOR DYNAMICS,
N66-32959 5H S04 19 HC$ 3.00 MF$ 0.75

A UNIFIED APPROACH TO ONE-DIMENSIONAL ELASTIC WAVES BY THE METHOD OF CHARACTERISTICS,
N66-38719 20K S04 23 HC$ 2.00 MF$ 0.50

CHARGE DISTRIBUTION
INTERMEDIATE ENERGY PHYSICS, VOLUME I.
N66-32726 20M S04 19 HC$ 5.65 MF$ 2.50

CHARGE EXCHANGE
THEORY OF PROTON-HYDROGEN COLLISIONS.
N66-33183 20M S04 19 HC$ 2.00 MF$ 0.50

CHELATE COMPOUNDS, METALORGANIC COMPOUNDS
A STUDY OF ORGANOMETALLIC-CHELATE COMPOUNDS.
AD-641 605 7B T66 24 HC$ 1.00 MF$ 0.50

CHEMICAL ANALYSIS
CHEMICAL ANALYSIS OF SURFACES USING ALPHA PARTICLES.
N66-33168 7D S04 19 HC$ 3.00 MF$ 0.75

SEPARATION OF SIMPLE SUGARS ON CELLULOSE LAYERS.
N66-33684 6A S04 19 HC$ 1.00 MF$ 0.50

CHEMICAL COMPOSITION
HEAT-RESISTANT CHROMIUM CARBIDE COATING WITH A SILICATE BINDER.
N66-33690 11F S04 19 HC$ 1.00 MF$ 0.50

CHEMICAL COMPOUNDS, CANCER
ASSAY OF CARCINOGENICITY OF VARIOUS CHEMICALS. SUPPLEMENT 1.
PB-173 466 6D U41 24 HC$ 3.00 MF$ 0.75

ASSAY OF CARCINOGENICITY OF VARIOUS CHEMICALS.
PB-173 467 6D U41 24 HC$ 2.00 MF$ 0.50

CHEMICAL INDICATORS, ELECTROLYTES
TRANSITION ENERGIES FOR A MEROCYANINE DYE IN AQUEOUS ELECTROLYTE SOLUTIONS. SOLVENT POLARITY INDICATOR TRANSITION ENERGY-INTERNAL PRESSURE RELATIONS,
AD-641 743 7D T66 24

CHEMICAL KINETICS
STUDY OF THE PROPAGATION PROCESS OF A REACTION IN SOLID PHASES,
N66-33682 20L S04 19 HC$ 2.00 MF$ 0.50

CHEMICAL REACTION
CHEMICAL SPECIES AND CHEMICAL REACTIONS OF IMPORTANCE IN NONEQUILIBRIUM PERFORMANCE CALCULATIONS,
N66-33714 21B S04 19 HC$ 2.00 MF$ 0.50

CHEMILUMINESCENCE
SOME CHEMICAL ASPECTS OF UPPER-ATMOSPHERE RESEARCH.
N66-33418 4A S04 19 HC$ 1.00 MF$ 0.50

CHEMILUMINESCENCE, CATALYSIS
CHEMILUMINESCENCE OF LUMINOL IN THE PRESENCE OF HEMATIN COMPOUNDS,
AD-642 805 6A T66 24

CHEMILUMINESCENCE, UPPER ATMOSPHERE
DIFFUSION COEFFICIENTS IN THE UPPER ATMOSPHERE FROM CHEMILUMINOUS TRAILS.
AD-641 351 4A T66 24

CHEMISTRY
CALCULATION OF FUNCTIONALS OF MATRICES ARISING IN SOLID STATE PHYSICS AND QUANTUM CHEMISTRY,
N66-33491 20B S04 19 HC$ 3.75 MF$ 1.50

UNCLASSIFIED INFORMATION LIST, 12-16 SEPTEMBER 1966.
N66-38726 5B S04 23 HC$ 1.00 MF$ 0.50

CHEMOTHERAPEUTIC AGENTS, TOXICITY
TOXICOLOGIC EVALUATION OF ABBOTT CRYSTALLINE ANTIBIOTIC NSC-51954 (CLINICAL FORMULATION),
PB-173 462 6D U41 24 HC$ 1.00 MF$ 0.50

CHINESE LANGUAGE, PRINTING
DEVELOPMENT OF CHINESE IDEOGRAPHIC COMPOSING MACHINE.
AD-478 889 14E U41 24 HC$ 1.00 MF$ 0.50

CHLORIDES, EUTECTICS
PROPRIETES THERMODYNAMIQUES DU CHLORURE D ARGENT DANS LE MELANGE EUTECTIQUE FONDU KCL-LICL (THERMODYNAMIC PROPERTIES OF SILVER CHLORIDE IN THE MOLTEN KCL-LICL EUTECTIC),
PB-173 399 7D U41 24 HC$ 3.00 MF$ 0.75

CHLORINE, NUCLEAR MAGNETIC RESONANCE
TEMPERATURE DEPENDENCE OF CHLORINE NQR FREQUENCIES AND PI BONDING,
AD-641 544 7D T66 24

CHOLERA, IMMUNITY
SPECIFIC AND NONSPECIFIC PASSIVE IMMUNITY IN INFANT RABBIT CHOLERA.
AD-642 803 6E T66 24

CHOLINESTERASE, BLOOD CHEMISTRY
A MULTICHANNEL ANALYTICAL SYSTEM FOR CONTINUOUS MONITORING OF BLOOD CHOLINESTERASE.
AD-641 572 6A T66 24 HC$ 1.00 MF$ 0.50

CHONDRITE
COSMOGENIC RADIOACTIVITIES IN THE PEACE RIVER AND HARLETON CHONDRITES.
N66-33412 8G S04 19 HC$ 1.00 MF$ 0.50

CHROMIUM ALLOY
INVESTIGATION OF MECHANICAL PROPERTIES OF CHROMIUM, CHROMIUM RHENIUM, AND DERIVED ALLOYS TWENTY-THIRD QUARTERLY PROGRESS REPORT, OCT. 1, 1965 - MAR. 31, 1966.
N66-33432 11F S04 19 HC$ 1.00 MF$ 0.50

PROTECTIVE COATINGS FOR CHROMIUM ALLOYS FINAL SUMMARY REPORT, 31 MAY 1965 - 30 JUN. 1966.
N66-38147 11F S04 23 HC$ 4.00 MF$ 1.00

CHROMIUM ALLOYS, REFINING(METALLURGY)
PREPARATION OF CRFE ALLOYS,
AD-641 896 11F T66 24 HC$ 1.00 MF$ 0.50

CHROMIUM CARBIDE
HEAT-RESISTANT CHROMIUM CARBIDE COATING WITH A SILICATE BINDER.
N66-33690 11F S04 19 HC$ 1.00 MF$ 0.50

CHROMOSOMES, RADIATION INJURIES
CHROMOSOMAL DAMAGE IN HUMANS PRODUCED BY X-IRRADIATION.
AD-641 505 6R T66 24 HC$ 1.00 MF$ 0.50

CHROMOSOMES, SPACE BIOLOGY
EXPOSURE OF TRADESCANTIA MICROSPORES TO PERIODIC VIBRATIONS OF 40-100 HERTZ,
AD-641 456 6C T66 24 HC$ 1.00 MF$ 0.50

CIRCUIT
ANALOG CIRCUIT FOR DETERMINING THE RATIO AND PRODUCT OF TWO TIME FUNCTIONS.
N66-33179 9A S04 19 HC$ 1.00 MF$ 0.50

COMPUTER-AIDED ELECTRONIC CIRCUIT DESIGN. CONDUCTION PROCESSES IN THIN FILMS STATUS REPORT, 1 DEC. 1965 - 31 MAY 1966.
N66-37901 9C S04 23 HC$ 2.00 MF$ 0.50

CIRCUIT INTERCONNECTIONS, INTEGRATED CIRCUITS
EVALUATION OF FLIP/CHIP INTEGRATED CIRCUIT INTERCONNECTIONS.
AD-482 059 9E U41 24 HC$ 1.00 MF$ 0.50

CIRCUITS, ELECTRON TUBES
TUBE CIRCUIT DESIGN USING THE G CURVE TECHNIQUE.
AD-641 980 9A T66 24 HC$ 3.60 MF$ 0.50

CIRCUITS, MATHEMATICAL ANALYSIS
ACTIVE RC TRANSFER FUNCTION SYNTHESIS BY MEANS OF CASCADED RL AND RC STRUCTURES.
PB-173 175 9E U41 24 HC$ 5.60 MF$ 0.50

CIRCUITS, PENTODES
THE USE OF CONDUCTANCE CURVES FOR PENTODE CIRCUIT DESIGN.
AD-641 981 9A T66 24 HC$ 1.40 MF$ 0.50

CIRCULAR CYLINDER
DYNAMIC STABILITY INVESTIGATION OF TWO RIGHT CIRCULAR CYLINDERS IN AXIAL FREE FLIGHT AT MACH NUMBERS FROM 0.4 TO 1.7 FINENESS-RATIO- 2.56 CYLINDER AND FINENESS-RATIO-4.0 CYLINDER WITH FLARED AFTERBODY.
N66-33313 1A S04 19 HC$ 2.00 MF$ 0.50

DYNAMIC BEHAVIOR OF SHELLS UNDER THERMAL STRESS SCIENTIFIC REPORT.
N66-33595 20K S04 19 HC$ 4.00 MF$ 0.75

CIRCULAR ORBIT TRAJECTORIES, ROCKET TRAJECTORIES
NONLINEAR FEEDBACK SOLUTION FOR MINIMUM-TIME INJECTION INTO CIRCULAR ORBIT WITH CONSTANT THRUST ACCELERATION MAGNITUDE.
AD-641 404 22C T66 24 HC$ 1.00 MF$ 0.50

CIRCULATORY SYSTEM
THE EFFECT OF CHANGING GRAVITY AND WEIGHTLESSNESS ON VASOPRESSIN CONTROL SYSTEMS PROGRESS REPORT, FEB. 15 - SEP. 20, 1966.
N66-33718 6S S04 23 HC$ 1.00 MF$ 0.50

CIVIL AVIATION
STATUS AND SPECIAL PROBLEMS OF THE GERMAN CIVIL AVIATION, SPECIAL PROBLEMS OF THE INTERNATIONAL ECONOMIC COOPERATION IN THE AVIATION FIELD IN PARTICULAR RESPECT TO DEVELOPING NATIONS.
N66-34037 5C S04 19 HC$ 2.00 MF$ 0.50

CIVIL DEFENSE SYSTEMS, ATTITUDES
CRISIS LEVEL AND CIVIL DEFENSE ATTITUDES.
AD-641 989 5J T66 24 HC$ 3.00 MF$ 0.75

CLASSIFICATION, STATISTICAL ANALYSIS
STATISTICAL ANALYSIS OF ADAPTIVE LINEAR CLASSIFIERS.
AD-443 844 6D U41 24 HC$ 10.60

CLAY, DEGRADATION
REACTIONS IN PORTLAND CEMENT-CLAY MIXTURES, PHASE 2. REACTIONS AND STRENGTH DEVELOPMENT IN PORTLAND CEMENT-CLAY MIXTURES.
PB-173 491 13C U41 24 HC$ 2.00 MF$ 0.50

CLEAN ROOM
SCOPE OF WORK FOR SCIENTIFIC AND TECHNICAL ASSISTANCE FOR THE PLANETARY QUARANTINE MISSION FIRST QUARTERLY REPORT, PERIOD ENDING JUN. 30, 1966.
N66-32760 22A S04 19 HC$ 1.00 MF$ 0.50

CLIMATOLOGY
AN EXPERIMENT ON THE QUANTITATIVE DESCRIPTION OF CLIMATIC ELEMENT FIELD BY ORTHOGONAL FUNCTIONS.
N66-33717 4B S04 23 HC$ 1.00 MF$ 0.50

CLOSED LOOP SYSTEM
DEVELOPMENT OF A PROPORTIONAL TWO STAGE PRESSURE FEED BACK PNEUMATIC VALVE FOR 2000 DEG F SOLID PROPELLANT SYSTEMS REPORT, JUL. 6, 1965 - MAY 20, 1966.
N66-33494 13K S04 19 HC$ 3.00 MF$ 1.00

RANKINE CYCLE TEST FACILITY STUDY - TECHNICAL DATA FINAL REPORT.
N66-33975 10B S04 19 HC$ 5.54 MF$ 2.50

ADVANCED REFRACTORY ALLOY CORROSION LOOP PROGRAM QUARTERLY PROGRESS REPORT NO. 4, JAN. 15 - APR. 15, 1966.
N66-33976 11F S04 19 HC$ 2.00 MF$ 0.50

CLOUD
RELATIONSHIPS BETWEEN TROPICAL PRECIPITATION AND KINEMATIC CLOUD MODELS FINAL TECHNICAL REPORT, 15 AUG. 1965 - 14 FEB. 1966.
N66-33328 4A S04 23 HC$ 2.00 MF$ 0.50

COATING
PROCEEDINGS OF CONFERENCE ON SPACECRAFT COATINGS DEVELOPMENT.
N66-37814 20M S04 23 HC$ 5.00 MF$ 1.25

RECENT STUDIES ON PYROLYTIC CARBON COATINGS ON FUEL PARTICLES.
N66-38087 18G S04 23 HC$ 2.00 MF$ 0.50

COAXIAL FLOW
MIXING AND HEAT TRANSFER OF AN ARGON ARCJET WITH A COAXIAL FLOW OF COLD HELIUM FINAL REPORT.
N66-37643 21C S04 23 HC$ 3.00 MF$ 0.75

COBALT ALLOY
INVESTIGATION OF MAGNETICALLY SOFT, HIGH-TEMPERATURE COBALT-IRON ALLOY.
N66-38750 11F S04 23 HC$ 1.00 MF$ 0.50

COBALT ALLOYS, GAMMA EMISSION
REALISATION D UN APPAREIL POUR DES MESURES D ORIENTATION NUCLEAIRE A BASSE TEMPERATURE. APPLICATION A L ALLIAGE NEODYME-COBALT (CONSTRUCTION OF AN APPARATUS FOR NUCLEAR ORIENTATION MEASUREMENTS AT LOW TEMPERATURES. APPLICATION TO NEODYMIUM-COBALT ALLOY).
PB-173 400 20L U41 24 HC$ 3.00 MF$ 0.75

COBALT COMPOUNDS, COMPLEX COMPOUNDS
MAGNETIC TRANSITION IN THIOUREA-COORDINATED COBALT CHLORIDE.
AD-641 551 20L T66 24

CODING
ON LINEAR PRODUCT CODES AND THEIR DUALS SCIENTIFIC REPORT NO. 4.
N66-38731 12A S04 23 HC$ 5.00 MF$ 1.25

CODING, AUTOMATA
ON THE ERROR CORRECTING CAPACITY OF FINITE AUTOMATA.
AD-641 809 9B T66 24

CODING, CORRECTIONS
ON THE BURST-ERROR-CORRECTING RECURRENT CODES.
AD-641 562 9D T66 24 HC$ 2.00 MF$ 0.50

CODING, INVARIANCE
SOME RESULTS ON CYCLIC CODES WHICH ARE INVARIANT UNDER THE AFFINE GROUP.
AD-641 561 9D T66 24 HC$ 3.00 MF$ 0.50

CODING, PROBABILITY
ERROR BOUNDS FOR PARALLEL COMMUNICATION CHANNELS.
AD-641 325 17B T66 24 HC$ 3.00 MF$ 0.75

CODING, TEACHING METHODS
A COMPARISON OF TWO METHODS OF TEACHING MORSE CODE.
AD-641 320 5I T66 24 HC$ 2.00 MF$ 0.50

COLLISION
INVESTIGATION OF COLLISION PROBABILITY OF ELECTRONS AND IONS WITH ALKALI METAL ATOMS FINAL REPORT, 22 APR. 1964 - 21 JUL. 1966.
N66-38497 20I S04 23 HC$ 3.00 MF$ 0.75

COLLOIDS, PREPARATION
PREPARATION, DEFINITION ET STABILISATION PAR UNE MACROMOLECULE ORGANIQUE D UN SOL MINERAL CAS D UN COLLOIDE D HYDROXYDE D ALUMINIUM (PREPARATION DEFINITION AND STABILIZATION OF AN INORGANIC SOL BY AN ORGANIC MACROMOLECULE CASE OF AN ALUMINIUM HYDROXIDE COLLOID).
PB-173 391 7D U41 24 HC$ 3.00 MF$ 0.75

COLOR CENTERS, BAND SPECTRUM
K BAND IN COLORED ALKALI HALIDE CRYSTALS.
AD-641 770 20L T66 24

OPTICAL ABSORPTION AND PHOTOCONDUCTIVITY IN THE K BAND OF SOME COLORED ALKALI HALIDES.
AD-641 771 20L T66 24

COLORS, CHEMICAL REACTIONS
STUDY OF CHROMOTROPIC PROPERTIES OF COLORANTS.
AD-449 505 7C U41 24 HC$ 3.00

COMBAT INFORMATION CENTERS, AIRBORNE
LAYOUT OF THE COMBAT INFORMATION CENTER IN THE PO-2W AIRCRAFT.
AD-641 448 15C T66 24 HC$ 7.60 MF$ 0.75

EXPERIMENTAL METHODS OF EVALUATING A SYSTEM THE AIRBORNE C.I.C.
AD-641 455 15C T66 24 HC$ 3.00 MF$ 0.75

COMBAT INFORMATION CENTERS, ANALYSIS
PRELIMINARY STUDIES OF DETECTION TIME AND OTHER FACTORS INVOLVED IN AEW PERFORMANCE.
AD-641 446 17I T66 24 HC$ 2.00 MF$ 0.50

COMBINATORIAL ANALYSIS, DECISION THEORY
ON A CLASS OF ADMISSIBLE PARTITIONS.
AD-641 545 12A T66 24

COMBINATORIAL ANALYSIS, EXPERIMENTAL DESIGN
CONSTRUCTION OF THE UNIQUE SATURATED RESOLUTION V DESIGN IN 256 RUNS.
AD-641 397 12A T66 24 HC$ 1.00 MF$ 0.50

THE CONSTRUCTION OF SATURATED DESIGNS.
AD-641 934 12A T66 24 HC$ 2.00 MF$ 0.50

FACTOR CHANGES AND LINEAR TRENDS IN EIGHT-RUN TWO-LEVEL FACTORIAL DESIGNS.
PB-173 442 12A U41 24 HC$ 1.00 MF$ 0.50

COMBINATORIAL ANALYSIS, POLYNOMIALS
OPTIMUM DESIGNS FOR POLYNOMIAL EXTRAPOLATION.
AD-641 679 12A T66 24

COMBUSTION
PHOTOGRAPHIC INVESTIGATION OF PROPELLANT STREAM BEHAVIOR IN A FIRING ROCKET ENGINE, VOLUME I TECHNICAL SUMMARY REPORT, 1

AUG. 1964 - 28 FEB. 1966.
N66-34042 21H S04 19 HC$ 3.00 MF$ 0.75

FLAMMABILITY IN ZERO-GRAVITY ENVIRONMENT.
N66-37777 21B S04 23 HC$ 2.00 MF$ 0.50

COMBUSTION CHAMBER
EXPERIMENTAL HYDROGEN-FLUORINE ROCKET PERFORMANCE AT LOW PRESSURES AND HIGH RATIOS.
N66-33325 21I S04 19 HC$ 2.00 MF$ 0.50

EXPERIMENTS WITH HYDROGEN AND OXYGEN IN REGENERATIVE ENGINES AT CHAMBER PRESSURES FROM 100 TO 300 POUNDS PER SQUARE INCH ABSOLUTE.
N66-33344 21H S04 19 HC$ 2.00 MF$ 0.50

COMBUSTION INSTABILITY
A NIKE FAILURE STUDY.
N66-33502 16D S04 19 HC$ 2.00 MF$ 0.50

COMBUSTION PRODUCT
THERMODYNAMIC, TRANSPORT, AND FLOW PROPERTIES FOR THE PRODUCTS OF METHANE BURNED IN OXYGEN-ENRICHED AIR.
N66-37802 21B S04 23 HC$ 2.50 MF$ 0.75

COMBUSTION PRODUCTS, OPTICAL PROPERTIES
RADIATION FROM ROCKET EXHAUST PLUMES,
AD-641 612 21B T66 24 HC$ 2.00 MF$ 0.50

COMBUSTION, PARTICLES
AN EXPRESSION FOR THE BURNING VELOCITY IN SIMULTANEOUS HOMOGENEOUS AND HETEROGENEOUS REACTIONS,
AD-641 866 21B T66 24 HC$ 1.00 MF$ 0.50

COMBUSTION, ROCKET MOTORS
HIGH FREQUENCY COMBUSTION PRESSURE OSCILLATIONS IN MOTORS BURNING GASEOUS PROPELLANTS,
AD-478 023 21H U41 24 HC$ 3.00 MF$ 0.75

COMBUSTION, SOLID ROCKET PROPELLANTS
SOLID PROPELLANT COMBUSTION ANALYTICAL SURVEY,
AD-641 602 21B T66 24 HC$ 3.00 MF$ 0.75

COMBUSTION, SUPERSONIC FLOW
RECENT RESEARCH IN SUPERSONIC COMBUSTION AT INTA,
AD-641 758 21B T66 24 HC$ 1.00 MF$ 0.50

COMET
PHYSICS OF THE MOON AND THE PLANETS,
N66-33526 30 S04 19 HC$ 4.00 MF$ 1.00

COMMERCE, STATISTICAL ANALYSIS
MORE ON MEASURES OF MARKET STRUCTURE,
AD-641 822 9C T66 24 HC$ 2.00 MF$ 0.50

COMMUNICATION SATELLITES(ACTIVE), OPERATION
MULTIPLE ACCESS TO A COMMUNICATION SATELLITE WITH A HARD-LIMITING REPEATER. VOLUME I. MODULATION TECHNIQUES AND THEIR APPLICATIONS,
AD-457 945 22B U41 24 HC$ 3.00

COMMUNICATION SATELLITES(ACTIVE), SYMPOSIA
MULTIPLE ACCESS TO A COMMUNICATION SATELLITE WITH A HARD-LIMITING REPEATER,
AD-465 789 22B U41 24 HC$ 6.00 MF$ 1.50

COMMUNICATION SYSTEM
COMPARISON OF PERFORMANCE OF PCM AND PFM TELEMETRY SYSTEMS,
N66-33971 9F S04 19 HC$ 1.00 MF$ 0.50

SPACE PROGRAMS SUMMARY NO. 37-40, VOLUME III FOR THE PERIOD MAY 1, 1966 TO JUNE 30, 1966. THE DEEP SPACE NETWORK,
N66-38546 9F S04 23 HC$ 3.00 MF$ 1.00

COMMUNICATION SYSTEMS, ERRORS
ERROR BOUNDS FOR PARALLEL COMMUNICATION CHANNELS,
AD-641 325 17B T66 24 HC$ 3.00 MF$ 0.75

COMMUNICATIONS SATELLITE
COMMUNICATION SATELLITE OUTPUT DEVICES,
N66-33181 17B S04 19 HC$ 2.00 MF$ 0.50

COMPLEX COMPOUNDS, ANTIFERROMAGNETISM
FURTHER EVIDENCE FOR A MAGNETIC TRANSITION IN MNCL2.(NH2)2CS)4,
AD-641 550 20L T66 24

MAGNETIC TRANSITION IN THIOUREA-COORDINATED COBALT CHLORIDE,
AD-641 551 20L T66 24

COMPLEX NUMBERS, INEQUALITIES
COMPLEMENTARY INEQUALITIES IV INEQUALITIES COMPLEMENTARY TO CAUCHY S INEQUALITY FOR SUMS OF COMPLEX NUMBERS,
AD-641 723 12A T66 24

COMPONENT RELIABILITY
A SURVEY OF ADAPTIVE COMPONENTS FOR USE IN FAILURE-FREE SYSTEMS SPECIAL TECHNICAL REPORT NO. 1.
N66-32716 9A S04 19 HC$ 1.00 MF$ 0.50

COMPOSITE MATERIAL
PRECISION WINDING OF CYLINDRICAL COMPOSITES WITH SHAPED GLASS FILAMENTS,
N66-32958 13H S04 19 HC$ 2.00 MF$ 0.50

STRUCTURAL APPLICATIONS FOR ADVANCED COMPOSITE MATERIALS,
N66-33172 20K S04 19 HC$ 1.00 MF$ 0.50

INITIATION OF FAILURE MECHANISMS IN GLASS- RESIN COMPOSITES,
N66-33464 11D S04 19 HC$ 3.00 MF$ 0.75

ELECTRICAL RESISTIVITY AND CONDUCTIVITY OF TUNGSTEN-FIBER-REINFORCED COPPER COMPOSITES.
N66-33983 11F S04 19 HC$ 1.00 MF$ 0.50

GRAPHITE-METAL COMPOSITES FINAL REPORT, 1 AUG. 1965 - 31 JUL. 1966.
N66-34066 13H S04 19 HC$ 4.00 MF$ 0.75

COMPUTATIONAL LINGUISTICS, LEARNING
COMPUTERS IN BEHAVIORAL SCIENCE,
PB-173 514 5G U41 24 HC$ 1.60 MF$ 0.50

COMPUTER DESIGN
A STORED PROGRAM COMPUTER FOR SMALL SCIENTIFIC SPACECRAFT.
N66-38408 9B S04 23 HC$ 2.50 MF$ 0.50

COMPUTER LOGIC, SPECIAL FUNCTIONS(MATHEMATICAL)
NETS OF THRESHOLD ELEMENTS,
AD-641 541 9B T66 24

COMPUTER METHOD
LARGE DEFLECTION AND STABILITY ANALYSIS BY THE DIRECT STIFFNESS METHOD.
N66-32725 20K S04 19 HC$ 2.00 MF$ 0.50

COMPUTER-AIDED ELECTRONIC CIRCUIT DESIGN. CONDUCTION PROCESSES IN THIN FILMS STATUS REPORT, 1 DEC. 1965 - 31 MAY 1966.
N66-37901 9C S04 23 HC$ 2.00 MF$ 0.50

COMPUTER PROGRAM
RESEARCH ON FAILURE FREE SYSTEMS QUARTERLY REPORT NO. 8, MAR. 23 - JUN. 23, 1966.
N66-33435 9A S04 19 HC$ 1.00 MF$ 0.50

ROOT LOCUS DIAGRAMS BY DIGITAL COMPUTER,
N66-33462 12A S04 19 HC$ 2.00 MF$ 0.50

FLOW LOSSES IN FLEXIBLE HOSE QUARTERLY PROGRESS REPORT NO. 4, MAR. 14 - JUN. 14, 1965.
N66-33495 20D S04 19 HC$ 2.50 MF$ 0.75

SOLID PROPELLANT ROCKET MOTOR PERFORMANCE COMPUTER PROGRAMS USING THE GROUP TRANSFORMATION METHOD.
N66-38417 21H S04 23 HC$ 3.00 MF$ 1.00

SPACE PROGRAMS SUMMARY NO. 37-40, VOLUME III FOR THE PERIOD MAY 1, 1966 TO JUNE 30, 1966. THE DEEP SPACE NETWORK.
N66-38546 9F S04 23 HC$ 3.00 MF$ 1.00

EARTH-BASED TRACKING OF A LUNAR BEACON,
N66-38707 17I S04 23 HC$ 3.00 MF$ 0.75

A COMPUTER PROGRAM FOR INVESTIGATING COMPUTER AND OPERATING SYSTEM TURN-AROUND FOR PROBLEMS EMPLOYING MULTIDIMENSIONAL ARRAYS,
N66-38708 9B S04 23 HC$ 2.00 MF$ 0.50

THE MEASUREMENT OF PROGRAM LOOPING SPEED IN DIGITAL COMPUTERS THROUGH MATRIX INVERSION BY PARTITIONING.
N66-38720 9B S04 23 HC$ 3.00 MF$ 0.75

COMPUTER DERIVATIONS OF EQUATIONS OF MOTION IN A GENERAL ORTHOGONAL CURVILINEAR COORDINATE SYSTEM USING THE FORMAC LANGUAGE.
N66-38724 9B S04 23 HC$ 1.00 MF$ 0.50

COMPUTER PROGRAMMING
STRUCTURAL SYSTEMS AND PROGRAM DECISIONS, VOLUME 2.
N66-33876 22B S04 19 HC$ 3.75 MF$ 1.50

COMPUTER STORAGE DEVICES, AUTOMATA
ON THE BOUND TO THE MEMORY OF A SEQUENTIAL MACHINE,
AD-641 808 9B T66 24

COMPUTERS, INTEGRATED CIRCUITS
INTEGRATED CIRCUITS FOR FIELDATA COMPUTERS,
AD-641 943 9A T66 24 HC$ 1.00 MF$ 0.50

COMPUTERS, SCIENTIFIC RESEARCH
PROGRESS REPORT FOR MARCH-AUGUST, 1966.
AD-641 851 9A T66 24 HC$ 4.00 MF$ 1.25

CONCRETE, BRIDGES
BEHAVIOR OF PRESTRESSED CONCRETE BRIDGE MEMBERS, PORTLAND CEMENT CONCRETE - PRESTRESSED CONCRETE BRIDGES (LIGHTWEIGHT AGGREGATE),
PB-173 409 13H U41 24 HC$ 1.60 MF$ 0.50

CONCRETE, PHYSICAL PROPERTIES
THE INFLUENCE OF NATURAL SAND FINE AGGREGATE ON SOME OF THE PROPERTIES OF HARDENED CONCRETE MORTAR.
PB-173 488 11B U41 24 HC$ 3.00 MF$ 0.75

CONCRETE, TEST METHODS
MAINE TEST FOR DELETERIOUS MATERIAL IN AGGREGATES.
PB-173 362 13B U41 24 HC$ 2.60 MF$ 0.50

CONDENSER
ANALYSIS OF CONDENSING PRESSURE CONTROL FOR SNAP-8 SYSTEM.
N66-37683 18N S04 23 HC$ 1.00 MF$ 0.50

CONDITIONED REFLEX, AUTONOMIC NERVOUS SYSTEM
OPERANT ELECTRODERMAL CONDITIONING SOME EFFECTS OF MULTIPLE SCHEDULES OF REINFORCEMENT.
AD-641 699 5J T66 24 HC$ 1.00 MF$ 0.50

CONDITIONED REFLEX, FISHES
CLASSICAL CONDITIONING OF ELECTRIC ORGAN DISCHARGE RATE IN MORMYRIDS,
AD-641 728 6C T66 24

CONDITIONED REFLEX, GALVANIC SKIN RESPONSE
DIFFERENTIAL REINFORCEMENT OF SEMANTICALLY CONDITIONED RESPONSES TRANSFER EFFECTS DURING INTERROGATION.
AD-641 624 5J T66 24 HC$ 3.00 MF$ 0.50

CONDUCTION
COMPUTER-AIDED ELECTRONIC CIRCUIT DESIGN. CONDUCTION PROCESSES IN THIN FILMS STATUS REPORT, 1 DEC. 1965 - 31 MAY 1966.
N66-37981 9C S04 23 HC$ 2.00 MF$ 0.50

CONDUCTIVITY, POTENTIAL THEORY
ON THE CAPACITY OF COMPOSITE CONDUCTORS,
AD-641 739 20L T66 24

CONE
BOUNDARY-LAYER-TRANSITION AND HEAT-TRANSFER MEASUREMENTS FROM FLIGHT TESTS OF BLUNT AND SHARP 50 DEGREE CONES AT MACH NUMBERS FROM 1.7 TO 4.7,
N66-33310 1A S04 19 HC$ 2.00 MF$ 0.50

CONVECTIVE HEAT TRANSFER TO A LIFTING FLAT-FACED-CONE ENTRY BODY,
N66-33322 20M S04 19 HC$ 2.00 MF$ 0.50

STUDY OF LOCAL FLOW CONDITIONS OVER A HEMISPHERICALLY BLUNTED 25 DEG CONE FOR A SHALLOW RE-ENTRY TRAJECTORY,
N66-33979 22C S04 19 HC$ 2.00 MF$ 0.50

CONFERENCE
INTERMEDIATE ENERGY PHYSICS, VOLUME I,
N66-32726 20H S04 19 HC$ 5.65 MF$ 2.50

INTERMEDIATE ENERGY PHYSICS, VOLUME II,
N66-32766 20H S04 19 HC$ 4.25 MF$ 2.00

PROCEEDINGS OF CONFERENCE ON ACTIVE TEMPERATURE CONTROL,
N66-32946 20M S04 19 HC$ 2.50 MF$ 0.75

NACA CONFERENCE ON AIRCRAFT LOADS, FLUTTER, AND STRUCTURES - A COMPILATION OF THE PAPERS PRESENTED.
N66-33351 20K S04 19 HC$ 6.36 MF$ 3.00

PROCEEDINGS OF CONFERENCE ON THERMAL JOINT CONDUCTANCE,
N66-37806 20M S04 23 HC$ 4.00 MF$ 1.00

PROCEEDINGS OF CONFERENCE ON SPACECRAFT COATINGS DEVELOPMENT.
N66-37814 20M S04 23 HC$ 5.00 MF$ 1.25

PROCEEDINGS OF SECOND CONFERENCE ON SOLAR SIMULATION RESEARCH.
N66-37826 14B S04 23 HC$ 6.00 MF$ 1.50

CONICAL BODIES, BUCKLING(MECHANICS)
EXPERIMENTAL AND THEORETICAL STUDIES ON BUCKLING OF CONICAL AND CYLINDRICAL SHELLS UNDER COMBINED LOADING,
AD-641 971 20K T66 24 HC$ 5.00 MF$ 1.00

CONICAL BODIES, SUPERSONIC FLOW
TABLES OF SUPERSONIC FLOWS ABOUT CONE CYLINDERS. PART II. COMPLETE FLOWS,
AD-641 349 20D T66 24 HC$ 25.20 MF$ 1.25

CONICAL NOZZLE
AN ANALYSIS OF SUPERSONIC FLOW PHENOMENA IN CONICAL NOZZLES BY A METHOD OF CHARACTERISTICS,
N66-33972 20D S04 19 HC$ 2.00 MF$ 0.50

CONICAL SHELL
ON CONICAL SHELLS OF LINEARLY VARYING THICKNESS SUBJECTED TO LATERAL NORMAL LOADS PROGRESS REPORT NO. 1.
N66-33375 20K S04 19 HC$ 2.00 MF$ 0.50

CONTACT RESISTANCE
AN EXPERIMENTAL AND THEORETICAL INVESTIGATION OF THE THERMAL CONTACT RESISTANCE FINAL REPORT.
N66-32804 20M S04 19 HC$ 2.50 MF$ 0.75

ADHESION BETWEEN ATOMICALLY PURE METALLIC SURFACES, PART IV SEMIANNUAL REPORT.
N66-32805 11F S04 19 HC$ 2.00 MF$ 0.50

THERMAL CONTACT CONDUCTANCE IN A VACUUM ENVIRONMENT,
N66-33408 20M S04 19 HC$ 4.00 MF$ 0.75

CONTAMINATION
ADHESION BETWEEN ATOMICALLY PURE METALLIC SURFACES, PART IV SEMIANNUAL REPORT.
N66-32805 11F S04 19 HC$ 2.00 MF$ 0.50

INVESTIGATION OF THE RELIABILITY OF STERILE INSERTION TECHNIQUES FOR SPACECRAFT MONTHLY LETTER REPORT, 23 JUN. - 23 JUL. 1966.
N66-32965 13N S04 19 HC$ 2.00 MF$ 0.50

STUDY OF CONTAMINATION SENSORS, VOLUME II - FINAL TECHNICAL REPORT,
N66-37943 14B S04 23 HC$ 7.00 MF$ 2.00

STUDY OF CONTAMINATION SENSORS, VOLUME I - EXECUTIVE SUMMARY REPORT,
N66-37944 14B S04 23 HC$ 2.00 MF$ 0.50

VAPOUR CONCENTRATIONS AND DOSES DOWNWIND FROM A TERRAIN, CONTAMINATED WITH A PERSISTENT AGENT,
N66-38347 13B S04 23 HC$ 1.00 MF$ 0.50

BRAYTON-CYCLE TURBOMACHINERY ROLLING-ELEMENT BEARING SYSTEM FOURTH QUARTERLY REPORT, 2 APR. - 2 JUL. 1966.
N66-38491 13I S04 23 HC$ 2.00 MF$ 0.50

CONTROL KNOBS, FRICTION
THE EFFECTS OF FRICTION ON THE ACCURACY OF KNOB SETTINGS,
AD-109 236 5E U41 24 HC$ 1.10

CONTROL KNOBS, HUMAN ENGINEERING
ACCURACY OF SETTING CONTROL KNOBS AS FUNCTIONS OF DIRECTIONS OF FINAL MOVEMENT AND NUMBER OF SETTINGS,
AD-109 237 5E U41 24 HC$ 1.10

CONTROL KNOBS, INERTIA
THE EFFECTS OF INERTIA ON THE ACCURACY OF KNOB SETTINGS,
AD-109 235 5E U41 24 HC$ 1.10

CONTROL PANELS, RADAR EQUIPMENT
MODIFICATION OF THE CONTROLS OF THE IP-48/APA-56 RANGE-AZIMUTH INDICATOR.
AD-641 450 5E T66 24

CONTROL SURFACE
EFFECTS OF BOUNDARY-LAYER SUCTION AND SPOILERS ON TRANSONIC FLUTTER DERIVATIVES FOR A MIDSPAN CONTROL SURFACE ON AN UPSWEPT WING,
N66-33315 1D S04 19 HC$ 2.00 MF$ 0.50

EFFECTS OF MODIFICATIONS TO A CONTROL SURFACE ON A 6-PERCENT THICK UNSWEPT WING ON THE TRANSONIC CONTROL-SURFACE FLUTTER DERIVATIVES.
N66-33343 1A S04 19 HC$ 2.50 MF$ 0.75

CONTROL SYSTEM
MINIMAX CONTROLS OF UNCERTAIN SYSTEMS,
N66-33441 9B S04 19 HC$ 5.00 MF$ 1.25

PILOT DESCRIBING FUNCTION MEASUREMENTS IN A MULTILOOP TASK.
N66-33461 5H S04 19 HC$ 2.00 MF$ 0.50

HUMAN TRACKING PERFORMANCE IN UNCOUPLED AND COUPLED TWO-AXIS SYSTEMS.
N66-33981 5H S04 19 HC$ 5.00 MF$ 0.75

ANALYSIS OF CONDENSING PRESSURE CONTROL FOR SNAP-8 SYSTEM.
N66-37683 18N S04 23 HC$ 1.00 MF$ 0.50

BIOLOGICAL CONTROL SYSTEMS - A CRITICAL REVIEW AND EVALUATION.
N66-37776 6P S04 23 HC$ 4.25 MF$ 2.00

CONTROL SYSTEMS, HUMAN ENGINEERING
BUILDING FEEL INTO CONTROLS THE EFFECT ON MOTOR PERFORMANCE OF DIFFERENT KINDS AND AMOUNTS OF FEEDBACK,
AD-92 587 5E U41 24 HC$ 2.60

CONTROL SYSTEMS, STABILITY
ON STABILITY IN CONTROL SYSTEMS,
AD-641 868 9E T66 24

CONTROL SYSTEMS, THEORY
LOCAL DEFINITION OF GENERALIZED CONTROL SYSTEMS,
AD-641 869 12B T66 24

CONTROL VALVE
DEVELOPMENT OF A PROPORTIONAL TWO STAGE PRESSURE FEED BACK PNEUMATIC VALVE FOR 2000 DEG F SOLID PROPELLANT SYSTEMS REPORT, JUL. 6, 1965 - MAY 20, 1966.
N66-33494 13K S04 19 HC$ 3.00 MF$ 1.00

CONTROL, DYNAMICS
A NOTE ON AIZERMAN S CONJECTURE,
AD-641 685 12B T66 24

CONTROL, MATHEMATICS
JOURNAL OF THE SOCIETY FOR INDUSTRIAL AND APPLIED MATHEMATICS, SERIES A CONTROL, VOL. 3, NO. 2.
AD-641 628 12A T66 24

CONTROL, OPTIMIZATION
OPTIMAL CONTROL OF APERIODIC DISCRETE-TIME SYSTEMS.
AD-641 493 12B T66 24

CONTROL, STABILITY
A STABILITY INEQUALITY FOR A CLASS OF NONLINEAR FEEDBACK SYSTEMS.
AD-641 689 12B T66 24

CONVECTIVE HEAT TRANSFER
PRELIMINARY EVALUATION OF A NUMBER OF ABLATIVE HEAT-SHIELD MATERIALS EXPOSED TO COMBINED RADIATIVE AND CONVECTIVE HEATING.
N66-33307 20M S04 19 HC$ 3.00 MF$ 0.75

CONVECTIVE HEAT TRANSFER TO A LIFTING FLAT-FACED-CONE ENTRY BODY,
N66-33322 20M S04 19 HC$ 2.00 MF$ 0.50

ENHANCEMENT OF CONVECTIVE HEAT TRANSFER IN CHANNELS BY MEANS OF ARTIFICIAL FLOW TURBULENCE.
N66-33767 20M S04 19 HC$ 2.00 MF$ 0.50

PROCEEDINGS OF CONFERENCE ON THERMAL JOINT CONDUCTANCE,
N66-37806 20M S04 23 HC$ 4.00 MF$ 1.00

BUOYANCY EFFECTS ON CRITICAL HEAT FLUX OF FORCED CONVECTIVE BOILING IN VERTICAL FLOW,
N66-38143 20M S04 23 HC$ 1.00 MF$ 0.50

CONVEX SETS, OPERATORS(MATHEMATICS)
CONVEXITY WITH RESPECT TO EULER-LAGRANGE DIFFERENTIAL OPERATORS,
AD-641 688 12A T66 24

COOLANT
INVESTIGATION OF LITHIUM HYDRIDE AND MAGNESIUM AS HIGH-TEMPERATURE INTERNAL COOLANTS WITH SEVERAL SKIN MATERIALS.
N66-33335 20M S04 19 HC$ 1.00 MF$ 0.50

COORDINATE SYSTEM
DETERMINATION OF ORBIT OF A SPACECRAFT WITH RESPECT TO AN OBJECT IN A KNOWN CIRCULAR ORBIT.
N66-33016 22C S04 19 HC$ 2.00 MF$ 0.50

COORDINATE TRANSFORMATION
COMPUTER DERIVATIONS OF EQUATIONS OF MOTION IN A GENERAL ORTHOGONAL CURVILINEAR COORDINATE SYSTEM USING THE FORMAC LANGUAGE.
N66-38724 9B S04 23 HC$ 1.00 MF$ 0.50

COPOLYMER
DEVELOPMENT OF A HYDROCARBON-TYPE OF POLYMER WHICH POSSESSES THE CHARACTERISTICS REQUIRED FOR USE AS A BINDER FOR UNCOATED SPD FIRST QUARTERLY REPORT, MAY 10 - AUG. 10, 1966.
N66-37945 7C S04 23 HC$ 2.00 MF$ 0.50

COPPER
ELECTRICAL RESISTIVITY AND CONDUCTIVITY OF TUNGSTEN-FIBER-REINFORCED COPPER COMPOSITES.
N66-33983 11F S04 19 HC$ 1.00 MF$ 0.50

COPPER FLUORIDE
DEVELOPMENT OF HIGH ENERGY DENSITY PRIMARY BATTERIES FOURTH QUARTERLY REPORT, 22 MAR. - 21 JUN. 1966.
N66-37685 10C S04 23 HC$ 2.50 MF$ 0.75

COPPER, DECAY SCHEMES
NEW SPIN AND MIXING RATIO DETERMINATIONS FOR THREE LEVELS IN 60NI,
AD-641 533 20M T66 24

COPPER, NUCLEAR PROPERTIES
BAND STRUCTURE AND ELECTRON-ELECTRON INTERACTIONS IN COPPER AND SILVER-PHOTOEMISSION STUDIES.
AD-442 497 20M U41 24 HC$ 9.60

CORRELATION FUNCTION
SCATTERING OF ENERGETIC PARTICLES BY LABORATORY PLASMAS.
N66-34076 20I S04 19 HC$ 2.00 MF$ 0.50

CORRELATORS, DESIGN
DISCLOSURES ON A TRANSROTOR ENGINE, HIGH TEMPERATURE PLATINUM RESISTANCE THERMOMETER, DYNAMIC ANALOG CORRELATION SYSTEM, AND COMBINATION METERING AND SAFETY VALVE FOR FILLING SONDE BALLONS WITH HYDROGEN,
NBS-TN-295 14B U41 24 HC$ 0.25 MF$ 0.50

CORROSION
ADVANCED REFRACTORY ALLOY CORROSION LOOP PROGRAM QUARTERLY PROGRESS REPORT NO. 4, JAN. 15 - APR. 15, 1966.
N66-33976 11F S04 19 HC$ 2.00 MF$ 0.50

CORROSION TEST
POTASSIUM CORROSION TEST LOOP DEVELOPMENT QUARTERLY PROGRESS REPORT NO. 10, 15 OCT. 1965 - 15 JAN. 1966.
N66-38146 14B S04 23 HC$ 2.00 MF$ 0.50

STUDIES OF STEEL CORROSION IN HIGH-TEMPERATURE WATER AND STEAM QUARTERLY REPORT NO. 14, 1 JAN. - 31 MAR. 1966.
N66-38644 11F S04 23 HC$ 4.00 MF$ 1.00

POTASSIUM CORROSION TEST LOOP DEVELOPMENT - PURIFICATION, ANALYSIS AND HANDLING OF SODIUM AND POTASSIUM TOPICAL REPORT NO. 4,
N66-38725 14B S04 23 HC$ 5.00 MF$ 1.25

CORROSION, STEEL
STRUCTURAL CHANGES IN HIGH-STRENGTH STEEL ASSOCIATED WITH STRESS CORROSION AND ITS RELATIONSHIP TO DELAYED FAILURE.
AD-468 171 11F U41 24 HC$ 1.00 MF$ 0.50

COSMIC RAYS, NUCLEAR REACTIONS
THE PRODUCTION OF COSMIC GAMMA RAYS IN INTERSTELLAR AND INTERGALACTIC COSMIC-RAY COLLISIONS. I. THE KINEMATICS OF P-P INTERACTIONS AND SECONDARY MESON AND HYPERON DECAY AND THE COSMIC GAMMA-RAY SPECTRAL SOURCE FUNCTION.
PB-173 444 3B U41 24 HC$ 3.00 MF$ 0.75

COSMIC RAYS, NUCLEAR SPECTROSCOPY
A HEURISTIC MODEL FOR THE VARIATION WITH RIGIDITY OF THE COSMIC-RAY CHARGE SPECTRUM,
AD-641 687 3B T66 24

COSMOS SATELLITE
AN IMPORTANT STEP IN SPACE MEDICINE. SOME RESULTS OF THE EXPERIMENT ON THE COSMOS 110 SATELLITE.
N66-33725 6S S04 19 HC$ 1.00 MF$ 0.50

COST EFFECTIVENESS, ANALYSIS
SOME PROBLEMS IN COST ANALYSIS.
AD-469 240 14A U41 24 HC$ 2.00 MF$ 0.50

COST EFFECTIVENESS, RELIABILITY(ELECTRONICS)
THE COST OF UNRELIABILITY OF AIR FORCE AIRBORNE ELECTRONIC EQUIPMENT AS PRESENTED BY THE COST OF MAINTENANCE.
AD-85 471 15E U41 24 HC$ 3.60

COST EFFECTIVENESS, VEHICLES
COST-EFFECTIVENESS CONSIDERATIONS IN THE DESIGN AND EMPLOYMENT OF ARMY OFF-ROAD VEHICLES,
AD-641 644 13F T66 24 HC$ 3.00 MF$ 0.50

COST ESTIMATE
MANNED SPACECRAFT SYSTEMS COST MODEL, VOLUME II. SUMMARY REPORT, APR. 1965 - JUN. 1966.
N66-33490 22B S04 19 HC$ 2.50 MF$ 0.75

MANNED SPACECRAFT SYSTEMS COST MODEL, VOLUME I. CONDENSED SUMMARY REPORT, APR. 1965 - JUN. 1966.
N66-33497 22B S04 19 HC$ 2.00 MF$ 0.50

MANNED SPACECRAFT SYSTEMS COST MODEL, VOLUME III. TECHNICAL REPORT, APR. 1965 - JUN. 1966.
N66-33501 22B S04 19 HC$ 3.00 MF$ 1.00

COUETTE FLOW, KNUDSEN NUMBER
SLIP FLOW OF LINEARIZED COUETTE PROBLEM,
AD-641 540 20D T66 24

COUNTING METHODS, BACTERIA
EVALUATION OF AN AUTOMATIC ELECTRONIC DEVICE FOR COUNTING BACTERIAL COLONIES,
AD-642 007 6M T66 24

COUPLING
DEVELOPMENT OF OPTICAL WAVEGUIDES AND COMPONENTS PROGRESS REPORT NO. 1339, FEB. 1965 - MAR. 1966.
N66-32757 20E S04 19 HC$ 3.00 MF$ 0.75

AEROBEE 150 STRUCTURAL AND AERODYNAMIC PITCH COUPLING,
N66-38489 22A S04 23 HC$ 2.50 MF$ 0.50

CRACK PROPAGATION
REPORTS AND TRANSACTIONS, VOLUME XXXI.
N66-33427 11F S04 19 HC$ 4.00 MF$ 1.00

CRATERING, BLAST
CRATERING FROM HIGH EXPLOSIVE CHARGES. ANALYSIS OF CRATER DATA,
AD-263 170 19D U41 24 HC$ 11.60

CRATERING, EXPLOSIVE MATERIALS
CORUSCATIVES AS ADDITIVES FOR HIGH-BLAST EXPLOSIVES,
AD-413 927 19A U41 24 HC$ 4.60

CRITICAL MASS
CRITICAL MASS STUDIES WITH THE NASA ZERO POWER REACTOR II. II - HETEROGENEOUS ARRAYS OF CYLINDRICAL VOIDS.
N66-33021 18L S04 19 HC$ 1.00 MF$ 0.50

CROSS COUPLING
HUMAN TRACKING PERFORMANCE IN UNCOUPLED AND COUPLED TWO-AXIS SYSTEMS.
N66-33981 5H S04 19 HC$ 3.00 MF$ 0.75

CRUSTACEA, NEUROMUSCULAR TRANSMISSION
FUNCTIONAL ROLE OF MUSCLE RECEPTOR ORGANS IN CRAYFISH,
AD-641 487 6C T66 24

REFLEX CONTROL OF ABDOMINAL FLEXOR MUSCLES IN THE CRAYFISH. II. THE TONIC SYSTEM,
AD-641 488 6C T66 24

CRUSTACEA, SOUND
SOUND PRODUCTION IN THE AMERICAN LOBSTER, HOMARUS AMERICANUS H. MILNE EDWARDS (DECAPODA REPTANTIA),
AD-641 421 6C T66 24

CRYOGENIC EQUIPMENT
INVESTIGATION OF A LIGHTWEIGHT SELF-EVACUATING PREFABRICATED MULTI-LAYER INSULATION SYSTEM FOR CRYOGENIC SPACE PROPULSION STAGES FINAL REPORT, 3 JUN. 1965 - 31 JUL. 1966.
N66-38500 13H S04 23 HC$ 3.75 MF$ 1.75

CRYOGENIC FLUID
PRESSURIZATION OF LIQUID OXYGEN CONTAINERS PROGRESS REPORT NO. 7, NOV. 1963 - NOV. 1964.
N66-33180 20M S04 19 HC$ 3.00 MF$ 0.75

CRYOGENICS
CRYOGENIC TECHNOLOGY RESEARCH AT MSFC.
N66-37993 21H S04 23 HC$ 2.00 MF$ 0.50

CRYOPUMPING
EXPERIMENTAL INVESTIGATIONS OF SOLID NITROGEN FORMED BY CRYOPUMPING.
N66-33982 20M S04 19 HC$ 2.00 MF$ 0.50

CRYOPUMPING, MOLECULAR BEAMS
DESCRIPTION AND PERFORMANCE OF A MOLECULAR BEAM CHAMBER USED FOR CRYOPUMPING AND ADSORPTION PUMPING STUDIES,
AD-641 388 14B T66 24 HC$ 2.00 MF$ 0.50

CRYSTAL
THE EFFECT OF DEFECTS ON THE BASAL PLANE THERMAL CONDUCTIVITY OF A GRAPHITE CRYSTAL. PART I - THEORY.
N66-33110 18K S04 19 HC$ 1.00 MF$ 0.50

CRYSTAL GROWTH, REVIEWS
RESEARCH ON CRYSTAL GROWTH AND CHARACTERIZATION AT THE NATIONAL BUREAU OF STANDARDS, JUNE 1966,
NBS-TN-293 20B U41 24 HC$ 0.25 MF$ 0.50

CRYSTAL LATTICE DEFECTS, MATHEMATICAL MODELS
DISLOCATION KINK IN A CRYSTAL MODEL.
AD-641 383 20B T66 24

COMPUTER SIMULATION OF VACANCY MIGRATION,
AD-641 384 20B T66 24

CRYSTAL LATTICES, DYNAMICS
LATTICE VIBRATIONS OF WURTZITE STRUCTURE CRYSTALS.
AD-641 539 20B T66 24

CRYSTAL LATTICES, RELAXATION TIME

ANISOTROPY OF THE SNOEK PHENOMENON IN NIOBIUM,
AD-641 785 11F T66 24

CRYSTAL OSCILLATORS, DESIGN
A TRANSISTORIZED FREQUENCY STANDARD,
AD-251 107 9E U41 24 HC$ 1.60

CRYSTAL OSCILLATORS, ILLUMINATION
MONOCHROMATIC ILLUMINATION OF CADMIUM-SULFIDE OSCILLATOR,
AD-641 711 9E T66 24

CRYSTAL OSCILLATORS, MANUFACTURING METHODS
MICROMINIATURE CRYSTAL UNIT TYPE CR-(XM-47)/U PRODUCTION ENGINEERING MEASURE.
AD-641 461 9E T66 24 HC$ 1.00 MF$ 0.50

CRYSTAL OSCILLATORS, QUARTZ
FREQUENCY TEMPERATURE COMPENSATION TECHNIQUES FOR QUARTZ CRYSTAL OSCILLATORS.
AD-481 611 9E U41 24 HC$ 3.00 MF$ 0.75

AD-485 171 9E U41 24 HC$ 2.00 MF$ 0.50

CRYSTAL STRUCTURE
EFFECT OF CRYSTALLINE STRUCTURE ON THE PHOTOELECTRIC PROPERTIES OF THIN LAYERS OF CADMIUM SULFIDE.
N66-33705 20L S04 19 HC$ 1.00 MF$ 0.50

THE EFFECT OF DEFECTS ON THE BASAL PLANE THERMAL CONDUCTIVITY OF A GRAPHITE CRYSTAL. PART 2 - COMPARISON OF THE THEORY OF POINT DEFECT SCATTERING WITH CHANGES OF CONDUCTIVITY INDUCED BY FAST NEUTRON IRRADIATION. PART 3 - TEST OF THE THEORY OF GRAIN BOUNDARY SCATTERING.
N66-37785 20B S04 23 HC$ 1.00 MF$ 0.50

CRYSTAL STRUCTURE DEFECT
DIFFRACTOMETRIC RESEARCH IN THE FIELD OF DISORDERED STRUCTURES.
N66-39068 20B S04 23 HC$ 1.00 MF$ 0.50

CRYSTAL STRUCTURE, ANALYSIS
RESEARCH ON CRYSTAL GROWTH AND CHARACTERIZATION AT THE NATIONAL BUREAU OF STANDARDS, JUNE 1966,
NBS-TN-293 20B U41 24 HC$ 0.25 MF$ 0.50

CRYSTALLIZATION, BORON COMPOUNDS
THE EFFECT OF HIGH PRESSURE ON B203 CRYSTALLIZATION, DENSIFICATION, AND THE CRYSTALLIZATION ANOMALY,
AD-641 324 11B T66 24 HC$ 3.00 MF$ 0.50

CRYSTALS, MICROMINIATURIZATION(ELECTRONICS)
MICROMINIATURE CRYSTAL UNIT TYPE CR-(XM-47)/U PRODUCTION ENGINEERING MEASURE.
AD-641 461 9E T66 24 HC$ 1.00 MF$ 0.50

CRYSTALS, TRANSPORT PROPERTIES
TIME PERIODIC SOLUTIONS OF TRANSPORT-AND POISSON-EQUATIONS FOR LAYER-LIKE FIELD INHOMOGENEITIES.
AD-641 398 20B T66 24 HC$ 2.00 MF$ 0.50

CULTURE MEDIA, BACILLUS ANTHRACIS
DIFFERENTIAL MEDIA FOR THE IDENTIFICATION OF BACILLUS ANTHRACIS,
AD-641 945 6M T66 24

CULTURE MEDIA, SPIRILLACEAE
GROWTH OF DESULFOVIBRIO ON THE SURFACE OF AGAR MEDIA,
AD-641 948 6M T66 24

CUT-OFF
EFFECTIVE CADMIUM CUTOFF ENERGY FOR CYLINDRICAL DETECTORS WITH CYLINDRICAL FILTERS,
N66-39351 18D S04 23 HC$ 1.00 MF$ 0.50

CYANIDES, ELECTRODEPOSITION
A RADIOCHEMICAL INVESTIGATION OF THE MECHANISM OF FORMATION OF CYANIDE FILMS ON STEEL COMPONENTS IN ALKALI-CYANIDE ELECTROPLATING BATHS,
AD-641 662 11F T66 24 HC$ 2.00 MF$ 0.50

CYBERNETICS, MEMORY
SEMANTIC MEMORY,
AD-641 671 6D T66 24 HC$ 6.00 MF$ 1.25

CYCLOTRON RESONANCE PHENOMENA, PLASMA MEDIUM
GENERATION D HARMONIQUES DE LA DEMI-FREQUENCE GIROMAGNETIQUE ELECTRONIQUE DANS UN SYSTEME DOUBLE-FAISCEAU (THE GENERATION OF HARMONICS OF THE ELECTRON CYCLOTRON HALF-FREQUENCY IN A DOUBLE-BEAM INTERACTION EXPERIMENT),
PB-173 386 20I U41 24 HC$ 4.00 MF$ 0.75

CYCLOTRON RESONANCE PHENOMENA, ZINC
CYCLOTRON RESONANCE IN ZINC,
AD-641 621 20L T66 24

CYLINDER
PRECISION WINDING OF CYLINDRICAL COMPOSITES WITH SHAPED GLASS FILAMENTS.
N66-32958 13H S04 19 HC$ 2.00 MF$ 0.50

TRANSONIC STATIC AND DYNAMIC LONGITUDINAL STABILITY CHARACTERISTICS OF A LOW-FINENESS- RATIO, BLUNTED-CYLINDER REENTRY BODY HAVING A CONVERGING-CONE AFTERBODY.
N66-33318 1D S04 19 HC$ 2.00 MF$ 0.50

APPROXIMATE METHODS FOR THE COMPUTATION OF WAVE PROPAGATION IN NONUNIFORM MEDIA INTERIM REPORT NO. 1.
N66-33409 20N S04 19 HC$ 2.00 MF$ 0.50

PRESSURE DISTRIBUTIONS DUE TO TWO-DIMENSIONAL FABRICATION-TYPE SURFACE ROUGHNESS ON AN OGIVE CYLINDER AT TRANSONIC SPEEDS.
N66-33447 1A S04 19 HC$ 3.00 MF$ 0.75

PRESSURE DRAGS DUE TO TWO-DIMENSIONAL FABRICATION-TYPE SURFACE ROUGHNESS ON AN OGIVE CYLINDER AT TRANSONIC SPEEDS.
N66-33449 1A S04 19 HC$ 3.00 MF$ 0.50

CYLINDRICAL BODIES, BUCKLING(MECHANICS)
EXPERIMENTAL AND THEORETICAL STUDIES ON BUCKLING OF CONICAL AND CYLINDRICAL SHELLS UNDER COMBINED LOADING,
AD-641 971 20K T66 24 HC$ 5.00 MF$ 1.00

CYLINDRICAL BODIES, FLUID FLOW
NONLINEAR ASPECTS OF INSTABILITY IN FLOW BETWEEN ROTATING CYLINDERS,
AD-641 841 20D T66 24

CYLINDRICAL BODIES, HEAT TRANSFER
HEAT TRANSFER THROUGH A HOLLOW CYLINDER SUBJECTED TO TEMPERATURE SHOCK,
AD-457 861 20M U41 24 HC$ 3.00

CYLINDRICAL BODIES, MOTION
FORCED MOTIONS OF AN ENCASED CYLINDER OF DECREASING THICKNESS,
AD-641 846 20K T66 24

CYLINDRICAL BODIES, SUPERSONIC FLOW
TABLES OF SUPERSONIC FLOWS ABOUT CONE CYLINDERS. PART II. COMPLETE FLOWS,
AD-641 349 20D T66 24 HC$ 25.20 MF$ 1.25

CYLINDRICAL SHELL
DETERMINATION OF ORBIT OF A SPACECRAFT WITH RESPECT TO AN OBJECT IN A KNOWN CIRCULAR ORBIT,
N66-33016 22C S04 19 HC$ 2.00 MF$ 0.50

RADIATION OF AN ELEMENTARY CYLINDER ANTENNA THROUGHT A SLOTTED ENCLOSURE.
N66-33366 9F S04 19 HC$ 2.00 MF$ 0.50

DYNAMIC RESPONSE OF A CYLINDRICAL SHELL SEGMENT SUBJECTED TO AN ARBITRARY LOADING.
N66-33381 20K S04 19 HC$ 2.00 MF$ 0.50

THE INFLUENCE OF THE BOUNDARY CONDITIONS ON THE BUCKLING LOAD OF CYLINDRICAL SHELLS UNDER AXIAL COMPRESSION.
N66-33465 20K S04 19 HC$ 2.00 MF$ 0.50

CYLINDRICAL TANK
EFFECTIVE MOMENT OF INERTIA AND VELOCITY RATIO FOR LIQUID-FILLED CYLINDRICAL TANKS OSCILLATING ABOUT THE LONGITUDINAL AXIS.
N66-33433 21I S04 19 HC$ 2.00 MF$ 0.50

C-BAND
ATMOSPHERIC TRACKING ERRORS AT S-BAND AND C-BAND FREQUENCIES.
N66-32942 17B S04 19 HC$ 2.00 MF$ 0.50

DAMPING
A STUDY OF DAMPING IN NONLINEAR OSCILLATIONS.
N66-37641 1A S04 23 HC$ 2.50 MF$ 0.50

DAMS, STRUCTURAL PROPERTIES
STRUCTURAL MODEL STUDY OF AN ELLIPTICALLY SHAPED ARCH, DOUBLE-CURVATURE, CONCRETE DAM,
PB-173 481 13M U41 24 HC$ 3.00 MF$ 0.50

DATA ACQUISITION
A STUDY OF MAN S PHYSICAL CAPABILITIES ON THE MOON, VOLUME II, PART 2 - BIOMECHANICS RESEARCH PROGRAM APPENDICES,
N66-38797 6B S04 23 HC$ 4.25 MF$ 2.00

DATA ANALYSIS
AEROBEE 150 STRUCTURAL AND AERODYNAMIC PITCH COUPLING.
N66-38489 22A S04 23 HC$ 2.50 MF$ 0.50

DATA CONVERTER
DATA CONVERTER AND DISPLAY SYSTEM FOR THE WISCONSIN EXPERIMENT ON THE ORBITING ASTRONOMICAL OBSERVATORY.
N66-38419 9D S04 23 HC$ 1.00 MF$ 0.50

DATA HANDLING SYSTEM
THE LUNAR ORBITER.
N66-33407 22B S04 19 HC$ 2.00 MF$ 0.50

DATA PROCESSING
TELEMETRY PROCESSING FOR NASA SCIENTIFIC SATELLITES.
N66-33013 9F S04 19 HC$ 1.00 MF$ 0.50

AN ERROR DETECTION AND CORRECTION APPROACH TO THE TIME DECODING PROBLEM.
N66-33014 9F S04 19 HC$ 1.00 MF$ 0.50

DATA PROCESSING OF LUNAR INFRARED MEASUREMENTS AT HIGH SPATIAL AND RADIOMETRIC RESOLUTION TO OBTAIN BRIGHTNESS TEMPERATURES SCIENTIFIC REPORT NO. 9.
N66-33394 3A S04 19 HC$ 3.00 MF$ 0.75

FLOW LOSSES IN FLEXIBLE HOSE QUARTERLY PROGRESS REPORT NO. 4, MAR. 14 - JUN. 14, 1965.
N66-33495 20D S04 19 HC$ 2.50 MF$ 0.75

GUIDE TO THE PROCESSING, STORAGE, AND RETRIEVAL OF BIBLIOGRAPHIC INFORMATION AT THE NASA SCIENTIFIC AND TECHNICAL INFORMATION FACILITY.
N66-34085 5B S04 19 HC$ 3.25 MF$ 1.00

INFORMATION SCIENCE.
N66-37803 5B S04 23 HC$ 1.00 MF$ 0.50

THE TASK MANAGER.
N66-37813 9B S04 23 HC$ 1.00 MF$ 0.50

MULTICHANNEL Z-TRANSFORMS AND MINIMUM-DELAY SCIENTIFIC REPORT NO. 35.
N66-39296 8G S04 23 HC$ 3.00 MF$ 0.50

DATA PROCESSING SYSTEMS, DOCUMENTATION
AUTOMATIC INTRODUCTION OF INFORMATION INTO A REMOTE-ACCESS SYSTEM - A PHYSICS LIBRARY CATALOG.
AD-641 564 5B T66 24 HC$ 3.00 MF$ 0.75

DATA PROCESSING SYSTEMS, HOSPITALS
AUTOMATING A HOSPITAL INFORMATION SYSTEM.
PB-173 474 6E U41 24 HC$ 1.60 MF$ 0.50

DATA PROCESSING SYSTEMS, INPUT-OUTPUT DEVICES
THE ROLE OF DATA INPUT IN AUTOMATIC DATA PROCESSING SYSTEMS.
AD-252 910 9B U41 24 HC$ 3.60

DATA PROCESSING SYSTEMS, NETWORKS
CONVERGENT AUTOMATIC-SYNTHESIS PROCEDURES FOR SAMPLED-DATA NETWORKS WITH FEEDBACK.
AD-455 743 9B U41 24 HC$ 3.00

DATA PROCESSING SYSTEMS, PHOTOINTERPRETATION
ORGANIZATION AND PRESENTATION OF IMAGE INTERPRETER REFERENCE AND AUXILIARY INFORMATION.
AD-641 326 5B T66 24 HC$ 4.00 MF$ 0.75

DATA REDUCTION
PROJECT SLOPE - STUDY OF LUNAR ORBITER PHOTOGRAPHIC EVALUATION FINAL REPORT.
N66-39492 14E S04 23 HC$ 3.25 MF$ 1.00

DATA STORAGE
RADIO ASTRONOMY SIGNAL SPECTRUM ANALYSER.
N66-33396 9F S04 19 HC$ 2.00 MF$ 0.50

DATA STORAGE SYSTEMS, DISPLAY SYSTEMS
INTERACTIVE DISPLAYS FOR DOCUMENT RETRIEVAL.
PB-173 477 5B U41 24 HC$ 2.00 MF$ 0.50

DECAY SCHEMES, COPPER
NEW SPIN AND MIXING RATIO DETERMINATIONS FOR THREE LEVELS IN 60NI.
AD-641 533 20H T66 24

DECAY SCHEMES, COSMIC RAYS
THE PRODUCTION OF COSMIC GAMMA RAYS IN INTERSTELLAR AND INTERGALACTIC COSMIC-RAY COLLISIONS. I. THE KINEMATICS OF P-P INTERACTIONS AND SECONDARY MESON AND HYPERON DECAY AND THE COSMIC GAMMA-RAY SPECTRAL SOURCE FUNCTION.
PB-173 444 3B U41 24 HC$ 3.00 MF$ 0.75

DECAY SCHEMES, HYPERONS
DYNAMICS OF THE Y1* BRANCHING RATIO.
AD-641 691 20H T66 24

DECAY SCHEMES, NUCLEAR SPINS
POLARIZATION OF A DECAY PARTICLE IN A TWO-STEP PROCESS APPLICATION TO NEGATIVE-KAON + PROTON TO NEUTRAL-PION + NEUTRAL-SIGMA HYPERON, NEUTRAL-SIGMA HYPERON TO GAMMA RAY + LAMBDA HYPERON.
AD-641 626 20H T66 24

DECELERATION
OPTIMAL CONDITIONS OF DECELERATING THE ROTATIONAL MOTION OF A SYMMETRIC BODY.
N66-33698 22A S04 19 HC$ 1.00 MF$ 0.50

DECISION MAKING, MATHEMATICAL MODELS
GENERATING RANDOM INFORMATION FOR EXPERIMENTAL DECISION PROBLEMS.
AD-641 327 15D T66 24 HC$ 2.00 MF$ 0.50

DECISION THEORY
MINIMAX CONTROLS OF UNCERTAIN SYSTEMS.
N66-33441 9B S04 19 HC$ 5.00 MF$ 1.25

DECISION THEORY, COMBINATORIAL ANALYSIS
ON A CLASS OF ADMISSIBLE PARTITIONS.
AD-641 545 12A T66 24

DECOMPRESSION, CARDIOVASCULAR SYSTEM
SOME CARDIOVASCULAR RESPONSES IN ANESTHETIZED DOGS DURING REPEATED DECOMPRESSIONS TO A NEAR-VACUUM.
AD-641 570 6S T66 24 HC$ 1.00 MF$ 0.50

DECONTAMINATION, ROADS
REMOVAL OF SIMULATED FALLOUT FROM ASPHALT STREETS BY FIREHOSING TECHNIQUES.
AD-641 480 18H T66 24 HC$ 4.00 MF$ 0.75

DEEP SPACE INSTRUMENTATION FACILITY (DSIF)
SPACE PROGRAMS SUMMARY NO. 37-40, VOLUME VI FOR THE PERIOD MAY 1 TO JUNE 30, 1966. SPACE EXPLORATION PROGRAMS AND SPACE SCIENCES.
N66-38506 22B S04 23 HC$ 2.50 MF$ 0.75

SPACE PROGRAMS SUMMARY NO. 37-40, VOLUME III FOR THE PERIOD MAY 1, 1966 TO JUNE 30, 1966. THE DEEP SPACE NETWORK.
N66-38546 9F S04 23 HC$ 3.00 MF$ 1.00

DEFLECTION
LARGE DEFLECTION AND STABILITY ANALYSIS BY THE DIRECT STIFFNESS METHOD.
N66-32725 20K S04 19 HC$ 2.00 MF$ 0.50

TEST PROGRAM ON THIN-WALLED TUBES WITH ZERO THERMAL GRADIENT FINAL REPORT.
N66-33572 20K S04 19 HC$ 3.25 MF$ 1.25

A THEORETICAL AND EXPERIMENTAL STUDY AT MACH 8 OF FLOW SEPARATION OF A FLAT PLATE WITH DEFLECTED TRAILING EDGE FLAP.
N66-38716 1A S04 23 HC$ 5.00 MF$ 1.00

DEFORMATION
THE EFFECTS OF DEFORMATION ON THE ELECTRICAL RESISTIVITY OF MOLYBDENUM SINGLE CRYSTALS.
N66-33405 11F S04 19 HC$ 2.00 MF$ 0.50

DEFORMATION, OPTICAL ANALYSIS
THE USE OF OPTICALLY ACTIVE COATINGS IN THE SOLUTION OF PLANE ELASTO-PLASTIC PROBLEMS.
AD-641 649 20K T66 24 HC$ 1.00 MF$ 0.50

DELAY LINES, BROADBAND
ULTRA WIDEBAND DIGITAL DELAY LINE.
AD-641 370 9A T66 24 HC$ 3.00 MF$ 0.75

DELAY LINES, RADAR EQUIPMENT
DESIGN OF INTEGRATED ELECTRONIC DELAY LINE FOR A MAN-TRANSPORTABLE MTI RADAR SET.
AD-641 328 9A T66 24 HC$ 1.00 MF$ 0.50

DELTA WING
PRESSURE DISTRIBUTIONS ON A FLAT-PLATE DELTA WING SWEPT 65 DEG AT A MACH NUMBER OF 5.97 AT ANGLES OF ATTACK FROM 65 DEG TO 115 DEG AND ANGLES OF ROLL FROM 0 DEG TO 25 DEG AT A 90 DEG ANGLE OF ATTACK.
N66-33327 1A S04 19 HC$ 2.00 MF$ 0.50

THE AERODYNAMIC CHARACTERISTICS OF SEVERAL THICK DELTA WINGS AT MACH NUMBERS TO 6 AND ANGLES OF ATTACK 50 DEG.
N66-33340 1A S04 19 HC$ 3.00 MF$ 0.75

DEMOLITIONS, MALFUNCTIONS
DEFICIENCY INVESTIGATION OF THE 1-LB. TNT DEMOLITION BLOCK CHARGE.
AD-641 643 19A T66 24 HC$ 2.00 MF$ 0.50

DENSITY MEASUREMENT
THERMOPHYSICAL PROPERTIES MEASUREMENTS PERFORMED FOR NASA.
N66-32723 20M S04 19 HC$ 1.00 MF$ 0.50

AN ORBITING DENSITY MEASURING INSTRUMENT.
N66-33539 14B S04 19 HC$ 2.50 MF$ 0.50

EXPERIMENTAL INVESTIGATIONS OF SOLID NITROGEN FORMED BY CRYOPUMPING.
N66-33982 20M S04 19 HC$ 2.00 MF$ 0.50

TEMPERATURE AND DENSITY MEASUREMENTS IN THE BASE REGION OF A CLUSTERED ROCKET MODEL USING AN ELECTRON BEAM TECHNIQUE.
N66-34045 21H S04 19 HC$ 4.00 MF$ 1.00

LIQUID-HYDROGEN DENSITY MEASUREMENTS USING AN OPEN-ENDED MICROWAVE CAVITY.
N66-38144 20M S04 23 HC$ 1.00 MF$ 0.50

DENSITY, VAPOR PRESSURE, AND VISCOSITY OF SOLUTIONS OF HYDRAZINE MONONITRATE IN HYDRAZINE.
N66-38789 7D S04 23 HC$ 1.00 MF$ 0.50

DEOXYRIBONUCLEIC ACID (DNA)
PRESENT STATUS OF THE AMINO ACID CODE.
N66-33376 6A S04 19 HC$ 1.00 MF$ 0.50

DEPTH CHANGES, ECHO RANGING
INSTRUCTION MANUAL FOR PRECISION GRAPHIC RECORDER (PGR).
AD-255 169 19H U41 24 HC$ 14.00

DESORPTION
PULSED GAS CHROMATOGRAPHIC SEPARATION FINAL REPORT.
N66-38086 7A S04 23 HC$ 4.00 MF$ 1.00

DETECTION
STUDY OF EXHAUST PLUME RADIATION PREDICTIONS, PART II INTERIM PROGRESS REPORT.
N66-38798 20M S04 23 HC$ 3.00 MF$ 0.75

DETECTION, INFORMATION THEORY
COMPARISON OF SEQUENTIAL AND NONSEQUENTIAL DETECTION SYSTEMS WITH UNCERTAINTY FEEDBACK.
AD-641 686 9D T66 24

DETECTION, PROBABILITY
PROBABILITY OF DETECTION FOR FLUCTUATING TARGETS.
AD-80 638 17I U41 24 HC$ 4.60

DETECTION, RADAR TARGETS
DETECTION RANGE OF AN ACTIVE RADAR SEEKER.
AD-85 427 17I U41 24 HC$ 3.60

DETECTION, STATISTICAL ANALYSIS
A STATISTICAL THEORY OF TARGET DETECTION BY PULSED RADAR.
AD-101 287 17I U41 24 HC$ 8.60

A STATISTICAL THEORY OF TARGET DETECTION BY PULSED RADAR MATHEMATICAL APPENDIX.
AD-101 882 17I U41 24 HC$ 4.00

DETECTOR
EFFECTIVE CADMIUM CUTOFF ENERGY FOR CYLINDRICAL DETECTORS WITH CYLINDRICAL FILTERS.
N66-38351 18D S04 23 HC$ 1.00 MF$ 0.50

TEMPERATURE DEPENDENCE OF THE RESPONSE OF LITHIUM-DRIFTED GERMANIUM DETECTORS TO GAMMA RAYS.

N66-33713 18D S04 23 HC$ 3.00 MF$ 0.75

DETERMINANTS, INEQUALITIES
A SUBDETERMINANT INEQUALITY.
AD-641 554 12A T66 24

DETERMINANTS, POLYNOMIALS
DETERMINANTAL REPRESENTATIONS OF RECURSION RELATIONS FOR CERTAIN ORTHOGONAL POLYNOMIALS.
AD-641 457 12A T66 24

DEUTERIUM OXIDE
RESULTS AND INTERPRETATION OF SPECIAL INDICES MEASUREMENTS MADE WITH AQUILON.
N66-33128 18J S04 23 HC$ 3.00 MF$ 0.50

DEUTERONS, ELASTIC SCATTERING
DEUTERON ELASTIC SCATTERING FROM HE3 AND H3.
AD-641 998 20H T66 24

DIAMOND WING
STABILITY AND CONTROL CHARACTERISTICS AT A MACH NUMBER OF 1.89 OF A LIGHTWEIGHT GLIDER REENTRY CONFIGURATION.
N66-33337 22C S04 19 HC$ 1.00 MF$ 0.50

DIELECTRIC CONSTANT
MODIFIED TECHNIQUE FOR MEASURING DIELECTRIC CONSTANTS USING A RECTANGULAR CAVITY RESONATOR.
N66-33393 9C S04 19 HC$ 3.00 MF$ 0.50

APPROXIMATE METHODS FOR THE COMPUTATION OF WAVE PROPAGATION IN NONUNIFORM MEDIA INTERIM REPORT NO. 1.
N66-33409 20N S04 19 HC$ 2.00 MF$ 0.50

DIELECTRIC PROPERTIES, HYDROCARBONS
ETUDES D ELEMENTS UTILISES EN INTERFEROMETRIE HERTZIENNE (ONDES) MILLIMETRIQUES), MESURE DE LA PERMITTIVITE DE DIELECTRIQUE LIQUIDE (STUDIES OF ELEMENTS USED IN HERTZIAN INTERFEROMETRY (MILLIMETRIC WAVES). MEASUREMENT OF THE PERMITTIVITY OF A LIQUID DIELECTRIC).
PB-173 395 14B U41 24 HC$ 4.00 MF$ 0.75

DIELECTRICS
THE SUBSTITUTION OF A SEMI-INFINITE, HOMOGENEOUS DIELECTRIC MEDIUM FOR A PLASMA SLAB.
N66-34043 20I S04 19 HC$ 3.00 MF$ 0.75

DIELECTRICS, ELECTROMAGNETIC WAVES
REFLECTION AND TRANSMISSION OF ELECTROMAGNETIC WAVES BY A MOVING DIELECTRIC MEDIUM.
AD-641 733 20N T66 24

TRANSVERSE MAGNETIC WAVE PROPAGATION IN SINUSOIDALLY STRATIFIED DIELECTRIC MEDIA.
AD-641 734 20N T66 24

DIELECTRICS, HIGH-TEMPERATURE RESEARCH
DIELECTRIC MATERIALS FOR HIGH TEMPERATURE APPLICATION.
AD-338 257 11G U41 24 HC$ 2.60

DIET, SPACE MEDICINE
THE STUDY OF MAN DURING A 56-DAY EXPOSURE TO AN OXYGEN-HELIUM ATMOSPHERE AT 258 MM. HG TOTAL PRESSURE. IX. NUTRITIONAL EVALUATION OF FEEDING BITE-SIZE FOODS.
AD-641 884 6S T66 24

THE STUDY OF MAN DURING A 56-DAY EXPOSURE TO AN OXYGEN-HELIUM ATMOSPHERE AT 258 MM. HG TOTAL PRESSURE VIII. OBSERVATIONS ON FEEDING BITE-SIZE FOODS.
AD-641 838 6S T66 24

DIFFERENCE EQUATIONS, THEORY
ON THE DIFFERENCE EQUATION Y(X+1) -- Y(X) = F(X).
AD-641 531 12A T66 24

DIFFERENTIAL ANALYZER
HIGHER-ORDER STATIONARY PHASE APPROXIMATIONS IN SEMICLASSICAL SCATTERING.
N66-33384 20H S04 19 HC$ 2.00 MF$ 0.50

DIFFERENTIAL EQUATION
DETERMINATION OF ORBIT OF A SPACECRAFT WITH RESPECT TO AN OBJECT IN A KNOWN CIRCULAR ORBIT.
N66-33016 22C S04 19 HC$ 2.00 MF$ 0.50

STUDY OF QUASI-OPTIMUM FEEDBACK CONTROL TECHNIQUES.
N66-33458 17G S04 19 HC$ 3.00 MF$ 0.75

ROOT LOCUS DIAGRAMS BY DIGITAL COMPUTER.
N66-33462 12A S04 19 HC$ 2.00 MF$ 0.50

EXPLICIT RUNGE- KUTTA INTEGRATION.
N66-33537 12A S04 19 HC$ 1.00 MF$ 0.50

NEW ONE-STEP INTEGRATION METHODS OF HIGH-ORDER ACCURACY APPLIED TO SOME PROBLEMS IN CELESTIAL MECHANICS.
N66-37778 12A S04 23 HC$ 2.00 MF$ 0.50

DIFFERENTIAL EQUATIONS, MATRIX ALGEBRA
A CLASS OF MONOTONE RICCATI MATRIX DIFFERENTIAL OPERATORS.
AD-641 782 12A T66 24

DIFFERENTIAL EQUATIONS, STABILITY
LIAPUNOV CRITERIA FOR WEAK STOCHASTIC STABILITY.
AD-641 862 12A T66 24

DIFFERENTIAL GEOMETRY, RELATIVITY THEORY
PHYSICS AND GEOMETRY.
AD-641 630 20J T66 24

DIFFERENTIAL GEOMETRY, THEORY
FINITE SETS ON CURVES AND SURFACES.
AD-641 883 12A T66 24

PSEUDO-MINKOWSKI DIFFERENTIAL GEOMETRY.
AD-641 884 12A T66 24

DIFFRACTION GRATINGS, FOCUSING
FOCAL PROPERTIES OF A PLANE GRATING IN A CONVERGENT BEAM.
AD-641 815 20F T66 24 HC$ 2.00 MF$ 0.50

DIFFRACTION, ELECTROMAGNETIC WAVES
EXACT SOLUTION TO A LENS PROBLEM.
AD-641 729 20F T66 24

DIFFUSION
DIFFUSION OF URANIUM IN MOLYBDENUM, NIOBIUM, ZIRCONIUM, AND TITANIUM.
N66-33719 7B S04 19 HC$ 1.00 MF$ 0.50

DIFFUSION BONDING
STATE-OF-THE-ART SURVEY OF DISSIMILAR METAL JOINING BY SOLID STATE WELDING.
N66-32787 13H S04 19 HC$ 2.00 MF$ 0.50

DIFFUSION, GASES
SHOCKTUBE STUDIES OF GAS-LIQUID REACTIONS AND OF GAS-PHASE DIFFUSION.
AD-641 435 20D T66 24 HC$ 4.00 MF$ 1.00

DIFFUSION, OCEAN MODELS
DIFFUSION IN HYDRODYNAMIC MODELS OF STRATIFIED FLUIDS.
AD-641 403 8C T66 24 HC$ 1.00 MF$ 0.50

DIFFUSION, UPPER ATMOSPHERE
DIFFUSION COEFFICIENTS IN THE UPPER ATMOSPHERE FROM CHEMILUMINOUS TRAILS.
AD-641 351 4A T66 24

DIGITAL COMPUTER
VERIFICATION OF OBJECTIVE FORECASTS AT THE CENTRAL ANALYSIS OFFICE OF THE METEOROLOGICAL SERVICE OF CANADA.
N66-33205 4B S04 19 HC$ 2.00 MF$ 0.50

ASSOCIATIVE RETRIEVAL BY DYNAMIC TRANSFORMS.
N66-33416 5B S04 19 HC$ 1.00 MF$ 0.50

ROOT LOCUS DIAGRAMS BY DIGITAL COMPUTER.
N66-33462 12A S04 19 HC$ 2.00 MF$ 0.50

THE MEASUREMENT OF PROGRAM LOOPING SPEED IN DIGITAL COMPUTERS THROUGH MATRIX INVERSION BY PARTITIONING.
N66-38720 9B S04 23 HC$ 3.00 MF$ 0.75

COMPUTER DERIVATIONS OF EQUATIONS OF MOTION IN A GENERAL ORTHOGONAL CURVILINEAR COORDINATE SYSTEM USING THE FORMAC LANGUAGE.
N66-38724 9B S04 23 HC$ 1.00 MF$ 0.50

DIGITAL COMPUTERS, AIR FORCE OPERATIONS
THE FLIGHT OPERATIONS PLANNER.
AD-227 738 15G U41 24 HC$ 9.60

DIGITAL COMPUTERS, CONTROL SYSTEMS
GENERAL-PURPOSE I/O CHANNEL AND INTERFACE FOR HAYSTACK 490 COMPUTER.
AD-641 640 17I T66 24 HC$ 2.00 MF$ 0.50

DIGITAL COMPUTERS, PROGRAMMING(COMPUTERS)
PROGRAMMING PRINCIPLES FOR THE IBM RELAY CALCULATORS.
AD-641 346 9B T66 24 HC$ 9.60 MF$ 0.75

DIMENSIONAL STABILITY
RESIDUAL STRESSES IN 17-4 PH STEEL.
N66-38498 11F S04 23 HC$ 2.50 MF$ 0.75

DIODES(ELECTRON TUBES), ELECTRON BEAMS
LIMITING STABLE CURRENTS IN BOUNDED ELECTRON AND ION STREAMS.
AD-641 709 9C T66 24

DIODES(SEMICONDUCTOR), DOSIMETERS
SILICON DIODE FAST NEUTRON DOSIMETER, PHASE I, EVALUATION OF RESPONSE VERSUS STARTING MATERIAL.
AD-641 843 18D T66 24 HC$ 2.00 MF$ 0.50

FLUOR-PHOTODIODE GAMMA RAY DOSIMETER.
AD-641 913 18D T66 24 HC$ 4.00 MF$ 0.75

DIODES(SEMICONDUCTOR), MANUFACTURING METHODS
VARIABLE CAPACITANCE DIODE PRODUCTION ENGINEERING MEASURES PROGRAM.
AD-641 410 9A T66 24 HC$ 2.00 MF$ 0.50

DIPLOCOCCUS PNEUMONIAE, THYROID GLAND
ALTERATIONS IN THYROID PHYSIOLOGY DURING PNEUMOCOCCAL SEPTICEMIA IN THE RAT.
AD-641 840 6P T66 24

DIRECTIONAL STABILITY
STATIC LONGITUDINAL, DIRECTIONAL, AND LATERAL STABILITY AND CONTROL DATA AT A MACH NUMBER OF 6.83 OF THE FINAL CONFIGURATION OF THE X- 15 RESEARCH AIRPLANE.
N66-33320 1D S04 19 HC$ 3.00 MF$ 0.75

TRANSONIC WIND-TUNNEL MEASUREMENTS OF SOME DYNAMIC LONGITUDINAL AND DIRECTIONAL STABILITY PARAMETERS FOR A FINNED SPINNING BODY OF REVOLUTION HAVING A HIGH FINENESS RATIO.
N66-33323 1A S04 19 HC$ 1.00 MF$ 0.50

DISCHARGE TUBES, IMPURITIES

REMOVAL OF HYDROGEN IMPURITIES IN CLOSED NOBLE GAS DISCHARGE SYSTEMS.
AD-641 360 28I T66 24 HC$ 2.00 MF$ 0.50

DISCRETE FUNCTION
ALGORITHMIC COMPLEXITY.
N66-35504 12A S04 23 HC$ 1.00 MF$ 0.50

DISCRIMINATION
UNLIMITED SIMULTANEOUS DISCRIMINATION INTERVALS IN REGRESSION TECHNICAL REPORT NO. 90.
N66-33401 12A S04 19 HC$ 2.00 MF$ 0.50

DISK
SOME FREE VIBRATION AND DYNAMIC RESPONSE PROBLEMS ASSOCIATED WITH CENTRIFUGALLY STABILIZED DISK AND SHELL STRUCTURES SEMIANNUAL PROGRESS REPORT, 15 FEB. - 15 AUG. 1966.
N66-33400 20K S04 19 HC$ 1.00 MF$ 0.50

DISPERSION HARDENING
METALLOGRAPHIC STUDY OF DISPERSION- STRENGTHENED ALLOYS AFTER FAILURE IN STRESS RUPTURE.
N66-33019 11F S04 19 HC$ 2.00 MF$ 0.50

DISPLACEMENT
DIFFRACTOMETRIC RESEARCH IN THE FIELD OF DISORDERED STRUCTURES.
N66-38060 20B S04 23 HC$ 1.00 MF$ 0.50

DISPLAY SYSTEM
DATA CONVERTER AND DISPLAY SYSTEM FOR THE WISCONSIN EXPERIMENT ON THE ORBITING ASTRONOMICAL OBSERVATORY.
N66-38419 9D S04 23 HC$ 1.00 MF$ 0.50

DISPLAY SYSTEMS, DESIGN
THE EFFECT OF INTERMITTENT COURSE ILLUMINATION OF DIFFERING FREQUENCIES ON TRACKING PERFORMANCE.
AD-189 238 5E U41 24 HC$ 1.60

SOME DESIGN FACTORS AFFECTING THE SPEED OF IDENTIFICATION OF RANGE RINGS ON POLAR COORDINATE DISPLAYS.
AD-50 619 9E U41 24 HC$ 2.60

DISPLAY SYSTEMS, HUMAN ENGINEERING
MODIFICATION OF THE CONTROLS OF THE IP-48/APA-56 RANGE-AZIMUTH INDICATOR.
AD-641 458 9E T66 24

AN INITIAL EVALUATION OF A VIBROTACTILE DISPLAY IN COMPLEX CONTROL TASKS.
PB-173 174 9E U41 24 HC$ 1.60 MF$ 0.50

DISPLAY SYSTEMS, INFORMATION RETRIEVAL
INTERACTIVE DISPLAYS FOR DOCUMENT RETRIEVAL.
PB-173 477 5B U41 24 HC$ 2.00 MF$ 0.50

DISPLAY SYSTEMS, SONAR EQUIPMENT
INVESTIGATION OF PHOTOCONDUCTOR MATERIALS FOR A SOLID-STATE SONAR DISPLAY.
AD-455 096 11G U41 24 HC$ 1.00

DISPLAY SYSTEMS, TRAINING DEVICES
BASIC DEVELOPMENT ACCOMPLISHED ON WIDE-ANGLE, NONPROGRAMMED, VISUAL PRESENTATIONS. VOLUME I.
AD-227 192 9E U41 24 HC$ 14.60

DISTRESS SIGNALS, SMOKES
DEVELOPMENT OF MINIATURE SMOKE SIGNAL PACKAGE FOR INCLUSION IN SURVIVAL KITS.
AD-641 895 6G T66 24 HC$ 2.00 MF$ 0.50

DISTRIBUTION FUNCTIONS, MEASURE THEORY
ESTIMATION OF NON-UNIQUE QUANTILES.
AD-641 534 12A T66 24

DIURETICS
THE EFFECT OF CHANGING GRAVITY AND WEIGHTLESSNESS ON VASOPRESSIN CONTROL SYSTEMS PROGRESS REPORT, FEB. 15 - SEP. 20, 1966.
N66-38718 6S S04 23 HC$ 1.00 MF$ 0.50

DIURNAL VARIATION
ATMOSPHERIC TRACKING ERRORS AT S-BAND AND C-BAND FREQUENCIES.
N66-32942 17B S04 19 HC$ 2.00 MF$ 0.50

DIVERGENT NOZZLE
PRELIMINARY INVESTIGATION OF OFF-DESIGN PERFORMANCE OF DIVERGENT-EJECTOR-TYPE ROCKET NOZZLES.
N66-33346 21H S04 19 HC$ 2.00 MF$ 0.50

DIVING, SAFETY DEVICES
THE DEVELOPMENT OF A SWIMMER TRACKING DEVICE.
AD-641 361 17A T66 24 HC$ 1.00 MF$ 0.50

DOCUMENTATION, PHOTOGRAPHIC INTELLIGENCE
ORGANIZATION AND PRESENTATION OF IMAGE INTERPRETER REFERENCE AND AUXILIARY INFORMATION.
AD-641 326 5B T66 24 HC$ 4.00 MF$ 0.75

DOCUMENTATION, PHYSICS
AUTOMATIC INTRODUCTION OF INFORMATION INTO A REMOTE-ACCESS SYSTEM - A PHYSICS LIBRARY CATALOG.
AD-641 564 5B T66 24 HC$ 3.00 MF$ 0.75

DOPING
ANNEALING OF NEUTRON-IRRADIATION-INDUCED CHANGES IN IMPURITY CONDUCTION IN ANTIMONY- DOPED GERMANIUM.
N66-33386 20L S04 19 HC$ 1.00 MF$ 0.50

DOPING, SILICON
THE DEPENDENCE OF THE DIFFUSIVITIES OF IMPURITIES IN SILICON ON BACKGROUND DOPING AND SURFACE CONCENTRATION.
AD-274 969 20L U41 24 HC$ 4.60

DOPPLER EFFECT, BIBLIOGRAPHIES
RELATIVISTIC EFFECT ON THE CLASSICAL DOPPLER SHIFT - AN ANNOTATED BIBLIOGRAPHY.
AD-641 504 20N T66 24 HC$ 1.00 MF$ 0.50

DOPPLER NAVIGATION, ERRORS
THE LONG PERIOD ERRORS OF DOPPLER AND INERTIAL NAVIGATION SYSTEMS.
AD-641 719 17G T66 24 HC$ 2.00 MF$ 0.50

DOPPLER RADAR, WAVEFORM GENERATORS
OPTIMUM WAVEFORM STUDY FOR COHERENT PULSE DOPPLER.
AD-641 391 17I T66 24 HC$ 6.00 MF$ 1.25

DOPPLER SYSTEMS, TRAJECTORIES
TRAJECTORY DATA OBTAINABLE FROM DOVAP REDUCTIONS AT THE FIRING LOCATION.
AD-641 982 16B T66 24 HC$ 2.00 MF$ 0.50

DOSIMETERS, DIODES(SEMICONDUCTOR)
SILICON DIODE FAST NEUTRON DOSIMETER, PHASE I, EVALUATION OF RESPONSE VERSUS STARTING MATERIAL.
AD-641 843 18D T66 24 HC$ 2.00 MF$ 0.50

FLUOR-PHOTODIODE GAMMA RAY DOSIMETER.
AD-641 913 18D T66 24 HC$ 4.00 MF$ 0.75

DOSIMETERS, GAMMA RAYS
DEVELOPMENT OF A HIGH-INTENSITY SOLID-STATE GAMMA-RAY DOSIMETER SYSTEM.
AD-641 654 6R T66 24 HC$ 3.00 MF$ 0.75

DOSIMETERS, OPERATION
EVALUATION OF THE RESPONSE OF SILICON DIODE DOSIMETERS TO FAST NEUTRONS.
AD-641 559 18D T66 24 HC$ 2.00 MF$ 0.50

DRAG
A NOTE ON THE ABILITY TO PREDICT TRANSONIC DRAG-RISE CHANGES DUE TO MODEL MODIFICATIONS.
N66-34079 1A S04 19 HC$ 2.00 MF$ 0.50

TRANSONIC WIND-TUNNEL INVESTIGATION OF STATIC LONGITUDINAL AND LATERAL STABILITY AND CONTROL CHARACTERISTICS AND DRAG RISE OF A REPRESENTATIVE FIGHTER AIRPLANE.
N66-34882 1D S04 19 HC$ 3.00 MF$ 1.00

DRAG, HYPERSONIC FLIGHT
THREE-DIMENSIONAL CONFIGURATIONS OF MINIMUM TOTAL DRAG IN NEWTONIAN FLOW.
AD-468 762 20D U41 24 HC$ 3.60 MF$ 0.50

DRIFT
THE DRIFT OF AN INCLINED-ORBIT 24-HOUR SATELLITE IN AN EARTH GRAVITY FIELD THROUGH FOURTH ORDER.
N66-33968 22C S04 19 HC$ 2.50 MF$ 0.75

DROP TEST
LOW-SUBSONIC WIND-TUNNEL AND FREE-FLIGHT DROP-TEST INVESTIGATION OF A PARAGLIDER CONFIGURATION HAVING LARGE TAPERED LEADING EDGES AND KEEL.
N66-38136 1A S04 23 HC$ 2.00 MF$ 0.50

DROPS, PENETRATION
COLLISONS OF LIQUID DROPS WITH LIQUIDS. SUPPLEMENT I. NEW CRATER DEPTH DATA FOR IMPACTS OF WATERDROPS WITH WATER.
AD-641 302 20D T66 24 HC$ 1.00 MF$ 0.50

DRY CELLS, MAGNESIUM
DEVELOPMENT OF MAGNESIUM WAFER CELLS.
AD-641 660 10C T66 24 HC$ 2.00 MF$ 0.50

DRY CELLS, MANUFACTURING METHODS
ORGANIC DEPOLARIZED CELLS UTILIZING META-DINITROBENZENE.
AD-641 852 10C T66 24 HC$ 3.00 MF$ 0.75

DUAL CONTROL PROBLEM
ON LINEAR PRODUCT CODES AND THEIR DUALS SCIENTIFIC REPORT NO. 4.
N66-38731 12A S04 23 HC$ 5.00 MF$ 1.25

DUPLEXERS(ELECTRONIC), FERROMAGNETIC MATERIALS
INVESTIGATIONS OF BROADBAND FERROMAGNETIC POWER LIMITERS AND EXPANDERS AS DUPLEXING ELEMENTS FOR MICROWAVE SYSTEMS.
AD-641 994 9E T66 24 HC$ 2.00 MF$ 0.50

DYES, ELECTRON TRANSITIONS
TRANSITION ENERGIES FOR A MEROCYANINE DYE IN AQUEOUS ELECTROLYTE SOLUTIONS. SOLVENT POLARITY INDICATOR TRANSITION ENERGY-INTERNAL PRESSURE RELATIONS.
AD-641 743 7D T66 24

DYES, PHOTOCHEMISTRY
STUDY OF CHROMOTROPIC PROPERTIES OF COLORANTS.
AD-449 505 7C U41 24 HC$ 3.00

DYNAMIC PRESSURE
EVALUATION OF SEVERAL SILICONE, PHENOLIC, AND EXPOXY BASE HEAT-SHIELD MATERIALS AT VARIOUS HEAT-TRANSFER RATES AND DYNAMIC PRESSURES.
N66-38139 11I S04 23 HC$ 2.50 MF$ 0.75

DYNAMIC PROGRAMMING
ADAPTIVE AGE REPLACEMENT.
N66-38714 14D S04 23 HC$ 1.00 MF$ 0.50

DYNAMIC PROGRAMMING, FLIGHT PATHS

APPLICATION OF DYNAMIC PROGRAMMING TO THE AIRPLANE MINIMUM TIME-TO-C_IMB PROBLEM,
AD-181 088 17G U41 24 HC$ 2.60

DYNAMIC PROPERTY
VARIABLE DYNAMIC FORCE VECTOR ROCKET TEST APPARATUS,
N66-33424 14B S04 19 HC$ 1.00 MF$ 0.50

DYNAMIC RESPONSE
DYNAMIC RESPONSE OF A CYLINDRICAL SHELL SEGMENT SUBJECTED TO AN ARBITRARY LOADING,
N66-33381 20K S04 19 HC$ 2.00 MF$ 0.50

DYNAMIC BEHAVIOR OF SHELLS UNDER THERMAL STRESS SCIENTIFIC REPORT,
N66-33595 20K S04 19 HC$ 4.00 MF$ 0.75

DYNAMIC STABILITY
DYNAMIC STABILITY OF A UNIFORM FREE-FREE BEAM UNDER A GIMBALED THRUST OF PERIODICALLY VARYING MAGNITUDE,
N66-32786 20M S04 19 HC$ 2.50 MF$ 0.75

DYNAMIC STABILITY INVESTIGATION OF TWO RIGHT CIRCULAR CYLINDERS IN AXIAL FREE FLIGHT AT MACH NUMBERS FROM 0.4 TO 1.7 FINENESS-RATIO- 2.56 CYLINDER AND FINENESS-RATIO-4.0 CYLINDER WITH FLARED AFTERBODY,
N66-33313 1A S04 19 HC$ 2.00 MF$ 0.50

TRANSONIC STATIC AND DYNAMIC LONGITUDINAL STABILITY CHARACTERISTICS OF A LOW-FINENESS- RATIO, BLUNTED-CYLINDER REENTRY BODY HAVING A CONVERGING-CONE AFTERBODY,
N66-33318 1D S04 19 HC$ 2.00 MF$ 0.50

TRANSONIC WIND-TUNNEL MEASUREMENTS OF SOME DYNAMIC LONGITUDINAL AND DIRECTIONAL STABILITY PARAMETERS FOR A FINNED SPINNING BODY OF REVOLUTION HAVING A HIGH FINENESS RATIO,
N66-33323 1A S04 19 HC$ 1.00 MF$ 0.50

FLIGHT MEASUREMENTS OF SOME OF THE FLYING QUALITIES AND STABI_ITY DERIVATIVES OF A SUPERSONIC FIGHTER AIRPLANE,
N66-34078 1B S04 19 HC$ 2.50 MF$ 0.75

A SUMMARY OF RESULTS OBTAINED DURING FLIGHT SIMULATION OF SEVERAL AIRCRAFT PROTOTYPES WITH VARIABLE-STABILITY AIRPLANES,
N66-34081 1B S04 19 HC$ 2.50 MF$ 0.75

A WIND-TUNNEL INVESTIGATION OF THE DYNAMIC STABILITY OF AXISYMMETRIC MODELS WITH HAMMERHEAD NOSES IN TRANSONIC FLOW,
N66-33365 1A S04 23 HC$ 2.00 MF$ 0.50

DYNAMICS, CONTROL
A NOTE ON AIZERMAN S CONJECTURE,
AD-641 685 12B T66 24

DYNAMICS, IDENTIFICATION
IDENTIFICATION OF LINEAR SYSTEM DYNAMICS USING EXPONENTIAL SPECTRAL COEFFICIENTS,
AD-641 792 12B T66 24

EARLY WARNING SYSTEMS, AIRBORNE
PRELIMINARY STUDIES OF DETECTION TIME AND OTHER FACTORS INVOLVED IN AEW PERFORMANCE,
AD-641 445 17I T66 24 HC$ 2.00 MF$ 0.50

EARTH
ON THE EARLY HISTORY OF THE EARTH,
N66-33177 8G S04 19 HC$ 3.00 MF$ 0.50

THE GRAVITY POTENTIAL AND FORCE FIELD OF THE EARTH THROUGH FOURTH ORDER,
N66-33703 4A S04 19 HC$ 2.50 MF$ 0.75

EARTH ALBEDO
PROJECT MIAM INFORMAL REPORT, DEC. 1965 - MAY 1966,
N66-33437 1B S04 19 HC$ 1.00 MF$ 0.50

EARTH CURRENT
REPORT OF THE KAKIOKA MAGNETIC OBSERVATORY, GEOELECTRICITY, KANOYA, 1957-1959,
N66-33774 8N S04 19 HC$ 3.75 MF$ 1.50

EARTH ORBIT
SATELLITE SITUATION REPORT, VOLUME 6, NO, 14,
N66-33864 22C S04 19 HC$ 2.00 MF$ 0.50

EARTH SURFACE
SPACE PHOTOGRAPHY FOR THE GEOGRAPHICAL STUDY OF THE EARTH,
N66-33765 8B S04 19 HC$ 2.00 MF$ 0.50

EARTHQUAKES, ECUADOR
ESTIMATION OF THE DEPTH OF FOCUS OF THE MAY 10, 1963 ECUADOR EARTHQUAKE,
AD-641 366 8K T66 24 HC$ 3.00 MF$ 0.75

EARTHQUAKES, SEISMOLOGY
THE EFFECT OF INITIAL STRESS OR RESIDUAL STRESS ON ELASTIC ENERGY CA_CULATIONS,
AD-641 859 8K T66 24

ECONOMICS, AIR TRANSPORTATION
TECHNICAL AND ECONOMIC EVALUATION OF AIRCRAFT FOR INTERCITY SHORT-HAUL TRANSPORTATION, VOLUME I,
AD-641 506 15E T66 24 HC$ 2.00 MF$ 0.50

TECHNICAL AND ECONOMIC EVALUATION OF AIRCRAFT FOR INTERCITY SHORT-HAUL TRANSPORTATION, VOLUME II,
AD-641 507 15E T66 24 HC$ 5.00 MF$ 1.00

TECHNICAL AND ECONOMIC EVALUATION OF AIRCRAFT FOR INTERCITY SHORT-HAUL TRANSPORTATION, VOLUME III,
AD-641 508 15E T66 24 HC$ 5.00 MF$ 1.00

ECONOMICS, MILITARY ORGANIZATIONS
AN ECONOMIC THEORY OF ALLIANCES,
AD-641 855 5C T66 24 HC$ 2.00 MF$ 0.50

ECONOMICS, POLITICAL SCIENCE
THE PARTY OF BIG BUSINESS AND THE PARTY OF THE PEOPLE A NOTE ON TRENDS IN THE CORPORATE PROFIT SHARE,
AD-641 905 5C T66 24 HC$ 1.00 MF$ 0.50

ECONOMICS, UNITED STATES
THE COMMUNITY AND ECONOMIC DEVELOPMENT,
PB-173 460 5C U41 24 HC$ 2.00 MF$ 0.50

ECUADOR, EARTHQUAKES
ESTIMATION OF THE DEPTH OF FOCUS OF THE MAY 10, 1963 ECUADOR EARTHQUAKE,
AD-641 366 8K T66 24 HC$ 3.00 MF$ 0.75

EFFUSION
DETERMINATION OF THE SATURATED VAPOR PRESSURE OF NIOBIUM DIOXIDE,
N66-33679 20M S04 19 HC$ 1.00 MF$ 0.50

EIGENVALUE
THE EIGENVALUE PROBLEM FOR BEAMS AND RECTANGULAR PLATES WITH LINEARLY VARYING IN-PLANE AND AXIAL LOAD,
N66-33025 20K S04 19 HC$ 2.00 MF$ 0.50

EJECTOR
PRELIMINARY INVESTIGATION OF OFF-DESIGN PERFORMANCE OF DIVERGENT-EJECTOR-TYPE ROCKET NOZZLES,
N66-33346 21H S04 19 HC$ 2.00 MF$ 0.50

ELASTIC SCATTERING, DEUTERONS
DEUTERON ELASTIC SCATTERING FROM HE3 AND H3,
AD-641 998 20H T66 24

ELASTIC STABILITY
LARGE DEFLECTION AND STABILITY ANALYSIS BY THE DIRECT STIFFNESS METHOD,
N66-32725 20K S04 19 HC$ 2.00 MF$ 0.50

ELASTIC STRENGTH
EXPERIMENTAL X-RAY STRESS ANALYSIS PROCEDURES FOR ULTRA HIGH STRENGTH MATERIALS,
N66-33410 11F S04 19 HC$ 1.00 MF$ 0.50

ELASTIC WAVE
A UNIFIED APPROACH TO ONE-DIMENSIONAL ELASTIC WAVES BY THE METHOD OF CHARACTERISTICS,
N66-33719 20K S04 23 HC$ 2.00 MF$ 0.50

ELASTICITY
AN EXTENSION OF PLANE STRAIN ANALYSIS,
N66-33422 20M S04 23 HC$ 1.00 MF$ 0.50

ELASTICITY, ALKALI METAL COMPOUNDS
THE ELASTIC CONSTANTS OF SOME ALKALI HALIDES AS A FUNCTION OF TEMPERATURE AND COMPOSITION,
AD-641 653 20K T66 24 HC$ 5.00 MF$ 1.25

ELASTICITY, BOUNDARY VALUE PROBLEMS
ON THE UNIQUENESS OF THE SOLUTION TO ELASTOSTATIC BOUNDARY-VALUE PROBLEMS FOR THE HALF-SPACE,
AD-641 651 12A T66 24 HC$ 1.00 MF$ 0.50

ELASTICITY, FLUID DYNAMIC PROPERTIES
FOURTH SYMPOSIUM ON NAVAL HYDRODYNAMICS, PROPULSION HYDROELASTICITY, AUGUST 27-31, 1962, WASHINGTON, D. C.,
AD-447 732 20D U41 24

ELASTICITY, INTEGRAL EQUATIONS
SOME DUAL TRIGONOMETRIC EQUATIONS WITH AN APPLICATION TO ELASTICITY,
AD-641 557 20K T66 24

ELASTICITY, LOADING(MECHANICS)
TRANSFER OF LOAD FROM AN EDGE-STIFFENER TO A SHEET- A RECONSIDERATION OF MELAN S PROBLEM,
AD-641 497 20K T66 24 HC$ 2.00 MF$ 0.50

ELASTICITY, PROPAGATION
THEORETICAL AND EXPERIMENTAL PROPAGATION OF ELASTIC WAVES IN AN AIR-FLUID-SOLID AND IN AN AIR-FLUID-SOLID-SOLID SYSTEM,
AD-454 575 17A U41 24 HC$ 2.00

ELASTICITY, SOLID STATE PHYSICS
APPROACHES TO PIEZOELECTRICITY AND ELASTICITY IN MIXED IONIC COVALENT COMPOUNDS,
AD-641 538 20L T66 24

ELASTOMERS, AGING(MATERIALS)
DIELECTRIC MATERIALS FOR HIGH TEMPERATURE APPLICATION,
AD-338 257 11G U41 24 HC$ 2.60

ELASTOMERS, PHYSICAL PROPERTIES
A STUDY OF COHESIVE FORCES, REFRACTIVE INDICES AND GLASS TRANSITION TEMPERATURE DATA OF POLYMERS,
AD-641 308 7D T66 24 HC$ 1.00 MF$ 0.50

ELASTOMERS, VISCOELASTICITY
ON THE COMPLEX POISSON S RATIO OF A URETHANE RUBBER COMPOUND,
AD-641 693 11J T66 24

ELECTRIC ARC
RADIATION MEASUREMENT TECHNIQUES,
N66-33771 14B S04 19 HC$ 2.00 MF$ 0.50

ELECTRIC ARCS, THERMAL RADIATION
STUDY OF RADIATION HEAT FLUX FROM HIGH PRESSURE AIR ARCS.
AD-454 992 20M U41 24 HC$ 16.40

ELECTRIC CELL
DEVELOPMENT OF HIGH ENERGY DENSITY PRIMARY BATTERIES FOURTH QUARTERLY REPORT, 22 MAR. - 21 JUN. 1966.
N66-37685 10C S04 23 HC$ 2.50 MF$ 0.75

ELECTRIC CONDUCTIVITY
STUDY OF THE PROPAGATION PROCESS OF A REACTION IN SOLID PHASES.
N66-33682 20L S04 19 HC$ 2.00 MF$ 0.50

ELECTRIC CONNECTORS, CALIBRATION
COAXIAL THERMISTOR MOUNTS WITH TYPE N CONNECTORS.
PB-173 517 14B U41 24 HC$ 3.00 MF$ 0.65

ELECTRIC CONNECTORS, DUCTS
STUDY OF LARGE ELECTRICAL BUS BARS IN PROTECTED DUCTS FOR AN ADVANCED SHIP.
PB-173 247 9A U41 24 HC$ 3.00 MF$ 0.75

ELECTRIC CONTACT
MULTILAYER OHMIC CONTACTS ON CD S.
N66-36275 9A S04 23 HC$ 1.00 MF$ 0.50

ELECTRIC CURRENT
THE CURRENT MEASUREMENT IN LAUNCH VEHICLE CHECKOUT.
N66-37675 9C S04 23 HC$ 1.00 MF$ 0.50

ELECTRIC DISCHARGE
PORPHINE-LIKE SUBSTANCES. III - SYNTHESIS BY ELECTRICAL DISCHARGE.
N66-33374 6A S04 19 HC$ 1.00 MF$ 0.50

ELECTRIC EQUIPMENT
ELECTRICAL REFERENCE HANDBOOK, LAUNCH EQUIPMENT BRANCH ELECTRICAL SUPPORT EQUIPMENT LC-39, VOLUME I.
N66-33865 22D S04 19 HC$ 7.00 MF$ 1.75

THE CURRENT MEASUREMENT IN LAUNCH VEHICLE CHECKOUT,
N66-37675 9C S04 23 HC$ 1.00 MF$ 0.50

ELECTRIC FIELD
SCATTERING OF ENERGETIC PARTICLES BY LABORATORY PLASMAS.
N66-34076 20I S04 19 HC$ 2.00 MF$ 0.50

ELECTRIC MEASUREMENT
INSTRUMENT SYSTEM FOR DETERMINING TEMPERATURE EFFECTS ON MAXIMUM INDUCTION OF MAGNETIC MATERIALS.
N66-33969 20M S04 19 HC$ 1.00 MF$ 0.50

ELECTRIC NETWORK
DEVELOPMENT OF ELECTRICAL SWITCHGEAR FOR SPACE NUCLEAR ELECTRICAL SYSTEMS QUARTERLY PROGRESS REPORT NO. 6, MAR. 4 - JUN. 4, 1966.
N66-33505 9A S04 19 HC$ 2.50 MF$ 0.75

ELECTRIC PROPERTY
ORGANIC SEMICONDUCTORS.
N66-33683 20L S04 19 HC$ 2.50 MF$ 0.75

ELECTRIC PROPULSION
NAVIGATOR STUDY OF ELECTRIC PROPULSION FOR UNMANNED SCIENTIFIC MISSIONS. CONSTANT POWER MISSION ANALYSIS.
N66-33463 21C S04 19 HC$ 2.00 MF$ 0.50

ELECTRIC RESISTANCE
THE EFFECTS OF DEFORMATION ON THE ELECTRICAL RESISTIVITY OF MOLYBDENUM SINGLE CRYSTALS.
N66-33405 11F S04 19 HC$ 2.00 MF$ 0.50

ELECTRICAL RESISTIVITY AND CONDUCTIVITY OF TUNGSTEN-FIBER-REINFORCED COPPER COMPOSITES.
N66-33983 11F S04 19 HC$ 1.00 MF$ 0.50

INVESTIGATION OF SOLUBILITY AND DIFFUSION OF OXYGEN IN REFRACTORY METALS SECOND QUARTERLY REPORT, 1 OCT. - 31 DEC. 1965.
N66-38755 11F S04 23 HC$ 2.00 MF$ 0.50

ELECTRICAL CORONA, GAS IONIZATION
AN AERODYNAMIC STUDY OF THE ELECTRIC WIND .
AD-134 408 20I U41 24 HC$ 4.60

ELECTRICAL NETWORKS, DESIGN
COMPUTER DESIGN OF LINEAR FREQUENCY SELECTIVE NETWORKS.
AD-641 489 9E T66 24

ELECTRICAL NETWORKS, STABILITY
STABILITY OF LINEAR TIME-VARYING NETWORKS--THE STATE SPACE APPROACH.
AD-641 713 9E T66 24

ELECTRICAL NETWORKS, SYNTHESIS
LOSSLESS TIME-VARYING IMPEDANCE SYNTHESIS.
AD-641 468 9E T66 24

THE SYNTHESIS OF NETWORKS CONTAINING LUMPED AND DISTRIBUTED ELEMENTS. PARTS I AND II.
AD-641 898 9E T66 24 HC$ 4.00 MF$ 0.75

SYNTHESIS OF LUMPED-DISTRIBUTED RC N-PORTS.
PB-173 482 9E U41 24 HC$ 1.00 MF$ 0.50

ELECTRICAL NETWORKS, THEORY
AN INTEGRATABLE TIME-VARIABLE GYRATOR.
AD-641 471 9E T66 24

ELECTROACOUSTIC TRANSDUCERS, ULTRASONIC RADIATION
EXPERIMENTAL DETERMINATION OF ULTRASONIC TRANSDUCER FREQUENCY RESPONSE.
AD-641 931 20A T66 24 HC$ 1.00 MF$ 0.50

ELECTROCHEMICAL CELL
A SURVEY OF ADAPTIVE COMPONENTS FOR USE IN FAILURE-FREE SYSTEMS SPECIAL TECHNICAL REPORT NO. 1.
N66-32716 9A S04 19 HC$ 1.00 MF$ 0.50

CARBON DIOXIDE CONCENTRATION SYSTEM FINAL REPORT.
N66-38499 6K S04 23 HC$ 3.25 MF$ 1.25

ELECTROCHEMISTRY, FUEL CELLS
BASIC STUDY OF SORPTION OF ORGANIC FUELS DURING OXIDATION AT ELECTRODES.
AD-454 676 21D U41 24 HC$ 12.60

ELECTRODE
DEVELOPMENT OF IMPROVED CADMIUM ELECTRODES FOR SEALED SECONDARY BATTERIES FINAL REPORT.
N66-37888 10C S04 23 HC$ 2.50 MF$ 0.50

DEVELOPMENT OF HIGH-PERFORMANCE LIGHT-WEIGHT ELECTRODES FOR HYDROGEN-OXYGEN FUEL CELLS FOURTH QUARTERLY REPORT, 6 JAN. - 5 APR. 1966.
N66-38498 10A S04 23 HC$ 2.50 MF$ 0.50

ELECTRODEPOSITION, ORGANIC COATINGS
A STUDY ON ELECTRODEPOSITION OF ORGANIC COATINGS FOR POSSIBLE MILITARY USAGE.
AD-641 314 11C T66 24 HC$ 2.00 MF$ 0.50

ELECTRODES, BATTERIES + COMPONENTS
AUXILIARY ELECTRODE FOR CHARGE CONTROL OF SEALED NICKEL-CADMIUM BATTERIES.
AD-456 849 10C U41 24 HC$ 9.60

AD-458 044 10C U41 24 HC$ 3.00

ELECTRODES, PLATINUM
THE USE OF LARGE ANODIC GALVANOSTATIC TRANSIENTS TO EVALUATE THE MAXIMUM ADSORPTION ON PT FROM HCOOH SOLUTIONS.
AD-445 787 7D U41 24 HC$ 3.60

ELECTROENCEPHALOGRAM (EEG)
SPECTRAL ANALYSIS TECHNIQUES AND PATTERN RECOGNITION METHODS FOR ELECTROENCEPHALOGRAPHIC DATA.
N66-33387 6B S04 19 HC$ 2.00 MF$ 0.50

THE ELECTROENCEPHALOGRAM OF THE SQUIRREL MONKEY (SAIMIRI SCIUREUS) IN A VERY HIGH MAGNETIC FIELD.
N66-38729 6S S04 23 HC$ 1.00 MF$ 0.50

N66-38793 6C S04 23 HC$ 1.00 MF$ 0.50

ELECTROENCEPHALOGRAPHY, ANALYSIS
COMPREHENSIVE SPECTRAL ANALYSIS OF HUMAN EEG GENERATORS IN POSTERIOR CEREBRAL REGIONS.
AD-641 374 6P T66 24

COMPUTER MEASUREMENTS OF HIPPOCAMPAL FAST ACTIVITY IN CATS WITH CHRONICALLY IMPLANTED ELECTRODES.
AD-641 415 6P T66 24

ELECTROENCEPHALOGRAPHY, BEHAVIOR
THE ELECTROCORTICOGRAM IN THE CHRONIC CERVEAU ISOLE CAT.
AD-641 472 6P T66 24

ELECTROENCEPHALOGRAPHY, VISION
OCULAR BEHAVIOR INCHRONIC HIGH MESENCEPHALIC CATS.
AD-641 474 6P T66 24

ELECTROLUMINESCENCE, DISPLAY SYSTEMS
INVESTIGATION OF PHOTOCONDUCTOR MATERIALS FOR A SOLID-STATE SONAR DISPLAY.
AD-455 096 11G U41 24 HC$ 1.00

ELECTROLYSIS, ISOTOPE SEPARATION
SEPARATION OF ISOTOPES BY ELECTROLYSIS.
AD-43 734 18B U41 24 HC$ 1.60

ELECTROLYTES, CHEMICAL INDICATORS
TRANSITION ENERGIES FOR A MEROCYANINE DYE IN AQUEOUS ELECTROLYTE SOLUTIONS. SOLVENT POLARITY INDICATOR TRANSITION ENERGY-INTERNAL PRESSURE RELATIONS.
AD-641 743 7D T66 24

ELECTROLYTIC CELLS, REACTION KINETICS
TWIN-ELECTRODE THIN-LAYER ELECTROCHEMISTRY DETERMINATION OF CHEMICAL REACTION RATES BY DECAY OF STEADY-STATE CURRENT.
AD-641 766 7D T66 24

ELECTROMAGNETIC COMPATIBILITY, RADIO COMMUNICATION SYSTEMS
FREQUENCY ASSIGNMENT STUDIES.
AD-641 431 17B T66 24 HC$ 6.00 MF$ 1.25

ELECTROMAGNETIC FIELD
HUYGEN S PRINCIPLE IN A MOVING ISOTROPIC HOMOGENEOUS AND LINEAR MEDIUM.
N66-33383 20N S04 19 HC$ 1.00 MF$ 0.50

ELECTROMAGNETIC LENSES, ION BEAMS
ETUDE THEORIQUE ET EXPERIMENTALE DE LA FOCALISATION DES IONS AFIN D AMELIORER, LA BRILLANCE DU FAISCEAU IONIQUE PAR LA SUPPRESSION DES CAUSES D ABERRATION (THEORETICAL AND EXPERIMENTAL STUDY OF ION FOCUSING SYSTEMS IN ORDER TO IMPROVE THE ION BEAM BRIGHTNESS BY SUPPRESSING ABERRATION CAUSES).
PB-173 402 20G U41 24 HC$ 3.00 MF$ 0.75

ELECTROMAGNETIC RADIATION
AN EVALUATION OF THE OPTICAL MASER PHOTON RATE GYROSCOPE.
N66-33411 20E S04 19 HC$ 2.00 MF$ 0.50

ELECTROMAGNETIC WAVE
EVALUATION OF DATA OBTAINED FROM A 35 G HZ PROPAGATION EXPERIMENT TECHNICAL REPORT NO, 7.
N66-33443 4A S04 19 HC$ 1.00 MF$ 0.50

ELECTROMAGNETIC WAVES, ATTENUATION
THE DYNAMIC SHIELDING RESPONSE OF AN IRRADIATED PLASMA,
AD-641 899 20I T66 24 HC$ 9.60 MF$ 0.75

ELECTROMAGNETIC WAVES, DIELECTRICS
REFLECTION AND TRANSMISSION OF ELECTROMAGNETIC WAVES BY A MOVING DIELECTRIC MEDIUM,
AD-641 733 20H T66 24

ELECTROMAGNETIC WAVES, DIFFRACTION
EXACT SOLUTION TO A LENS PROBLEM,
AD-641 729 20F T66 24

ELECTROMAGNETIC WAVES, PROPAGATION
TRANSVERSE MAGNETIC WAVE PROPAGATION IN SINUSOIDALLY STRATIFIED DIELECTRIC MEDIA.
AD-641 734 20H T66 24

ELECTROMETER
SURVEY OF VLF ELECTRIC FIELDS IN THE MAGNETOSPHERE WITH THE POLAR ORBITING SPACECRAFT, 1964-65A.
N66-32722 4A S04 19 HC$ 2.50 MF$ 0.75

AN ELECTRIC FIELD METER FOR ROCKET AND SATELLITE USE.
N66-37998 4A S04 23 HC$ 4.00 MF$ 0.75

ELECTRON
INVESTIGATION OF COLLISION PROBABILITY OF ELECTRONS AND IONS WITH ALKALI METAL ATOMS FINAL REPORT, 22 APR. 1964 - 21 JUL. 1966.
N66-38497 20I S04 23 HC$ 3.00 MF$ 0.75

ELECTRON BEAM
EASY SLIDE IN MOLYBDENUM CRYSTALS.
N66-33404 11F S04 19 HC$ 1.00 MF$ 0.50

TEMPERATURE AND DENSITY MEASUREMENTS IN THE BASE REGION OF A CLUSTERED ROCKET MODEL USING AN ELECTRON BEAM TECHNIQUE.
N66-34045 21H S04 19 HC$ 4.00 MF$ 1.00

ANALYTIC AND COMPUTER STUDIES OF ELECTRON COLLECTION BY A SPHERICAL SATELLITE IN THE EARTH S MAGNETIC FIELD.
N66-38802 4A S04 23 HC$ 2.50 MF$ 0.75

ELECTRON BEAM WELDING
FABRICATION OF LIGHTWEIGHT TURBINE COMPONENTS USING ELECTRON BEAM WELDING FOR THE ATTACHMENT OF SHEET METAL BLADES TO DISCS AND SHROUDS.
N66-38757 13H S04 23 HC$ 2.50 MF$ 0.75

ELECTRON BEAMS, ELECTRIC CURRENTS
LIMITING STABLE CURRENTS IN BOUNDED ELECTRON AND ION STREAMS,
AD-641 709 9C T66 24

ELECTRON BEAMS, SPECTROSCOPY
A TIME-OF-FLIGHT ELECTRON VELOCITY SPECTROMETER.
AD-641 394 14B T66 24 HC$ 3.00 MF$ 0.50

ELECTRON BOMBARDMENT, NITROGEN
WEAK TRANSITIONS IN EXCITATION OF N2 BY ELECTRON IMPACT AND COMPARISON WITH EXCITATION BY ABSORPTION OF RADIATION,
AD-641 454 7D T66 24

ELECTRON CAPTURE, SEMICONDUCTORS
PHOTOEXCITED ELECTRON CAPTURE BY IONIZED AND NEUTRAL SHALLOW IMPURITIES IN SILICON AT LIQUID-HELIUM TEMPERATURES,
AD-641 547 20L T66 24

ELECTRON DIFFRACTION
ELECTRON DIFFRACTION STUDY OF THE OXIDATION PROCESS OF THIN FILMS OF INTERMETALLIC COMPOUNDS OF THE SYSTEM NICKEL-ALUMINUM.
N66-33704 11F S04 19 HC$ 1.00 MF$ 0.50

ELECTRON DIFFRACTION ANALYSIS, INSTRUMENTATION
ELECTRON DIFFRACTION STUDIES AT ELEVATED TEMPERATURES.
AD-641 659 7D T66 24 HC$ 2.00 MF$ 0.50

ELECTRON DIFFRACTION ANALYSIS, NICKEL
KIKUCHI EFFECTS FROM LOW-ENERGY ELECTRONS IN NICKEL,
AD-641 545 20B T66 24

ELECTRON DIFFUSION
DIFFUSION AND ELECTRON EMISSION PROPERTIES OF DUPLEX REFRACTORY METAL THERMIONIC EMITTERS.
N66-33023 11F S04 19 HC$ 2.00 MF$ 0.50

ELECTRON EMISSION
RESEARCH ON ION BEAM DIAGNOSTICS FINAL REPORT.
N66-39759 10A S04 23 HC$ 3.00 MF$ 0.75

ELECTRON ENERGY
STEADY-STATE COMPOSITION OF A LOW-DENSITY NONEQUILIBRIUM HYDROGEN PLASMA.
N66-39137 20I S04 23 HC$ 1.00 MF$ 0.50

CALCULATIONS OF ENERGY AND ANGULAR DISTRIBUTIONS OF ELECTRONS EJECTED FROM HELIUM BY 200- KE V AND 300- KE V PROTONS.
N66-39409 20H S04 23 HC$ 1.00 MF$ 0.50

ELECTRON GUNS, DESIGN
DEVELOPMENT OF ELECTRON GUN WITH NON-INTERCEPTING GRIDS.
AD-456 787 9A U41 24 HC$ 1.00

ELECTRON MICROSCOPY
FEASIBILITY STUDY OF SECONDARY EMISSION ELECTRON MICROSCOPY FOR EXAMINING MATERIALS CONTAINING DISPERSED OXIDE PARTICLES.
N66-37678 13H S04 23 HC$ 2.00 MF$ 0.50

ELECTRON PARAMAGNETIC RESONANCE
FORMATION OF CO2 RADICAL IONS WHEN CO2 IS ADSORBED ON IRRADIATED MAGNESIUM OXIDE.
N66-33166 7C S04 19 HC$ 1.00 MF$ 0.50

ELECTRON PLASMA
ACCELERATION OF ELECTRONS NEAR THE EARTH S BOW SHOCK.
N66-33413 20H S04 19 HC$ 1.00 MF$ 0.50

ELECTRON RADIATION
PHOTOVOLTAIC EFFECT AND UTILIZATION OF PHOTOVOLTAIC CELLS - EFFECT OF SUB-THRESHOLD ELECTRON RADIATION ON SURFACE PROPERTIES OF GE P-V CELLS SECOND SEMIANNUAL REPORT, 1 NOV. 1965 - 31 MAY 1966.
N66-33388 10A S04 19 HC$ 2.00 MF$ 0.50

ELECTRON TRANSITION
OSCILLATOR STRENGTHS AND HIGH ACCURACY WAVE FUNCTIONS FOR NEUTRAL HELIUM.
N66-33389 20J S04 19 HC$ 1.00 MF$ 0.50

ELECTRON TRANSITIONS, DYES
TRANSITION ENERGIES FOR A MEROCYANINE DYE IN AQUEOUS ELECTROLYTE SOLUTIONS. SOLVENT POLARITY INDICATOR TRANSITION ENERGY-INTERNAL PRESSURE RELATIONS.
AD-641 743 7D T66 24

ELECTRON TRANSITIONS, HIGH-PRESSURE RESEARCH
EFFECTS OF HIGH PRESSURES ON THE ABSORPTION SPECTRUM OF AZOBENZENE.
AD-641 575 7C T66 24 HC$ 1.00 MF$ 0.50

ELECTRON TRANSITIONS, POWER SERIES
POWER SERIES REPRESENTATION OF GENERALIZED OSCILLATOR STRENGTHS,
AD-641 449 20H T66 24

ELECTRON TUBES, CIRCUITS
TUBE CIRCUIT DESIGN USING THE G CURVE TECHNIQUE.
AD-641 988 9A T66 24 HC$ 3.00 MF$ 0.50

ELECTRONIC EQUIPMENT
RESEARCH ON FAILURE FREE SYSTEMS QUARTERLY REPORT NO. 8, MAR. 23 - JUN. 23, 1966.
N66-33435 9A S04 19 HC$ 1.00 MF$ 0.50

HIGH SHOCK FM TRANSMITTER.
N66-33974 9F S04 19 HC$ 2.00 MF$ 0.50

ULTRAVIOLET MEASUREMENTS IN PLANETARY ATMOSPHERES.
N66-38722 4A S04 23 HC$ 2.00 MF$ 0.50

ELECTRONIC EQUIPMENT, AIRBORNE
THE COST OF UNRELIABILITY OF AIR FORCE AIRBORNE ELECTRONIC EQUIPMENT AS PRESENTED BY THE COST OF MAINTENANCE.
AD-85 471 15E U41 24 HC$ 3.00

ELECTRONIC EQUIPMENT, PACKAGING
THE ADVANTAGES OF FUNCTIONAL PACKAGING OF ELECTRONIC EQUIPMENT,
AD-224 277 9C U41 24 HC$ 1.10

ELECTRONIC EQUIPMENT, RADIATION DAMAGE
STUDY OF EFFECT OF HIGH-INTENSITY PULSED NUCLEAR RADIATION ON ELECTRONIC PARTS AND MATERIALS (SCORRE),
AD-641 673 9E T66 24 HC$ 3.00 MF$ 0.75

ELECTRONIC PACKAGING
ELECTRONIC PACKAGING - A BIBLIOGRAPHY,
N66-33390 9A S04 19 HC$ 3.00 MF$ 0.75

ELECTRONIC RECORDING INSTRUMENT
RECORDING LEAF MOVEMENTS WITH A STRAIN GAUGE.
N66-33417 6C S04 19 HC$ 1.00 MF$ 0.50

ELECTRONIC TECHNICIANS, TRAINING
IDENTIFICATION OF ELECTRONICS MAINTENANCE TRAINING REQUIREMENTS DEVELOPMENT AND EVALUATION OF AN EXPERIMENTAL ORDANCE RADAR REPAIR COURSE.
AD-457 167 5I U41 24 HC$ 3.00

ELECTRONICS LABORATORIES, RESEARCH PROGRAM ADMINISTRATION
QUARTERLY RESEARCH REVIEW NO. 9, 1 APRIL THROUGH 30 JUNE 1964,
AD-452 983 20L U41 24 HC$ 25.10

ELECTRONICS, SCIENTIFIC RESEARCH
PROGRESS REPORT FOR MARCH-AUGUST, 1966.
AD-641 851 5A T66 24 HC$ 6.00 MF$ 1.25

ELECTRONS, BAND THEORY OF SOLIDS
ENERGY DEPENDENCE OF THE OPTICAL POTENTIAL FOR ELECTRONS,
AD-641 637 20C T66 24

ELECTRONS, INTERNAL CONVERSION
CORRELATIONS DIRECTIONNELLES ELECTRON-GAMMA (ELECTRON-GAMMA DIRECTIONAL CORRELATIONS),
PB-173 401 20H U41 24 HC$ 3.00 MF$ 0.75

ELECTRONS, NUCLEAR SPINS
SPIN WAVES IN AN INTERACTING ELECTRON GAS.

AD-641 631 20C T66 24

ELECTRON-DENSITY OSCILLATIONS IN A GENERAL POTENTIAL.
AD-641 887 20L T66 24

ELECTRONS, SCATTERING
FICTITIOUS NATURE OF CORE TERM IN EXCHANGE AMPLITUDE FOR ELECTRON-ATOM SCATTERING,
AD-641 625 20J T66 24

ELECTRONS, SHOCK TUBES
MEASUREMENTS OF A PRECURSOR ELECTRON FRONT.
AD-641 714 14B T66 24

ELECTRONS, SUPERCONDUCTIVITY
SUPERCONDUCTING STATE OF AN ELECTRON GAS IN A HOMOGENEOUS MAGNETIC FIELD,
AD-641 633 20C T66 24

ELECTRONS, VAN ALLEN RADIATION BELT
ELECTRON AND PROTON OBSERVATIONS.
AD-641 358 4A T66 24 HC$ 2.00 MF$ 0.50

ELECTROPHORESIS, LABORATORY EQUIPMENT
INTEGRATING PHOTOELECTRIC RECORDER FOR PAPER AND OTHER ELECTROPHORETIC MEASUREMENTS.
AD-641 565 6L T66 24 HC$ 1.00 MF$ 0.50

ELECTROPHORESIS, RARE EARTH ELEMENTS
METHODE DE SEPARATION DES TERRES RARES PAR ELECTROPHORESE A HAUTE TENSION SUR PAPIER - SUPPORT (SEPARATION METHOD FOR RARE-EARTHS USING HIGH-VOLTAGE ELECTROPHORESIS ON PAPER STRIP),
PB-173 398 7E U41 24 HC$ 4.00 MF$ 0.75

ELECTROPLATING, HYDROGEN EMBRITTLEMENT
A RADIOCHEMICAL INVESTIGATION OF THE MECHANISM OF FORMATION OF CYANIDE FILMS ON STEEL COMPONENTS IN ALKALI-CYANIDE ELECTROPLATING BATHS,
AD-641 662 11F T66 24 HC$ 2.00 MF$ 0.50

ELEMENT ABUNDANCE
STUDIES OF THE SOLAR SYSTEM AND PROBABLE LUNAR ABUNDANCES OF ELEMENTS OF GEOCHEMICAL AND METALLURGICAL SIGNIFICANCE STATUS REPORT.
N66-35709 3B S04 23 HC$ 2.00 MF$ 0.50

ELEMENTARY PARTICLE
INTERMEDIATE ENERGY PHYSICS, VOLUME II.
N66-32766 20H S04 19 HC$ 4.25 MF$ 2.00

ELEMENTARY PARTICLES, NUCLEAR CROSS SECTIONS
USE OF UNITARITY IN PROVING POMERANCHUK S THEOREM ON CROSS SECTIONS AT HIGH ENERGIES,
AD-641 619 20J T66 24

ELEMENTARY PARTICLES, OPERATORS(MATHEMATICS)
A USEFUL RELATION AMONG CASIMIR OPERATORS,
AD-641 618 20J T66 24

ELLIPTICITY
SUPERSONIC AERODYNAMIC CHARACTERISTICS OF A SERIES OF RELATED BODIES WITH CROSS-SECTIONAL ELLIPTICITY.
N66-33457 1A S04 19 HC$ 3.00 MF$ 0.75

EMBEDDING SUBSTANCES, THERMAL STABILITY
DIELECTRIC MATERIALS FOR HIGH TEMPERATURE APPLICATION.
AD-338 957 11G U41 24 HC$ 2.60

EMBRITTLEMENT
IMPLICATIONS OF EMBRITTLEMENT DURING THE LIFE OF A ZIRCONIUM PRESSURE TUBE REACTOR.
N66-37781 18I S04 23 HC$ 2.00 MF$ 0.50

EMISSION
PREDICTION OF TOTAL EMISSIVITY OF NITROGEN- BROADENED AND SELF-BROADENED HOT WATER VAPOR,
N66-35114 20H S04 23 HC$ 2.00 MF$ 0.50

ENERGY CONVERSION, GAS IONIZATION
CONTRIBUTION A L ETUDE SUR UN NOUVEL EFFET DE CONVERSION D ENERGIE IONISANTE EN ELECTRICITE (CONTRIBUTION TO THE STUDY OF A NEW IONISING-ENERGY CONVERSION EFFECT IN ELECTRICITY),
PB-173 382 10A U41 24 HC$ 3.00 MF$ 0.75

ENERGY DENSITY
DEVELOPMENT OF HIGH ENERGY DENSITY PRIMARY BATTERIES FOURTH QUARTERLY REPORT, 22 MAR. - 21 JUN. 1966.
N66-37685 10C S04 23 HC$ 2.50 MF$ 0.75

MEASUREMENTS OF PLASMA ENERGY DENSITY AND CONDUCTIVITY FROM 3 TO 120 KILOBARS.
N66-35710 20I S04 23 HC$ 2.00 MF$ 0.50

ENERGY DISTRIBUTION
STEADY-STATE COMPOSITION OF A LOW-DENSITY NONEQUILIBRIUM HYDROGEN PLASMA,
N66-35137 20I S04 23 HC$ 1.00 MF$ 0.50

ENERGY LEVEL
SOME REMARKS ON THE USE OF THE VARIATIONAL PRINCIPLE FOR THE SECOND ORDER ENERGY,
N66-33420 20J S04 19 HC$ 1.00 MF$ 0.50

ENERGY STORAGE DEVICE
SPACE CELL TEST PROGRAM MONTHLY PROGRESS REPORT, 31 JUL. 1966.
N66-38788 10C S04 23 HC$ 5.00 MF$ 1.25

ENERGY TRANSFER
HIGH-ENERGY ION BEAMS USED TO ACCELERATE HYDROGEN PROPELLANT ALONG MAGNETIC TUBE OR FLUX.
N66-37680 18K S04 23 HC$ 2.00 MF$ 0.50

ENGINE DESIGN
DESIGN STUDY OF HEAT STERILIZABLE SOLID ROCKET MOTORS FOR SPACE APPLICATION, VOLUME I FINAL REPORT, OCT. 19, 1965 - JAN. 9, 1966.
N66-33541 21M S04 19 HC$ 3.75 MF$ 1.50

ENGINES + MOTORS, DESIGN
DISCLOSURES ON A TRANSROTOR ENGINE, HIGH TEMPERATURE PLATINUM RESISTANCE THERMOMETER, DYNAMIC ANALOG CORRELATION SYSTEM, AND COMBINATION METERING AND SAFETY VALVE FOR FILLING SONDE BALLONS WITH HYDROGEN,
NBS-TN-295 14B U41 24 HC$ 0.25 MF$ 0.50

ENTEROBACTERIACEAE, SPACE MEDICINE
STUDY OF MAN DURING A 56-DAY EXPOSURE TO AN OXYGEN-HELIUM ATMOSPHERE AT 258 MM. HG TOTAL PRESSURE. X. ENTERIC MICROBIAL FLORA,
AD-641 817 6S T66 24

ENVIRONMENT SIMULATION
A STUDY OF MAN S PHYSICAL CAPABILITIES ON THE MOON. VOLUME I, PART 1 - LUNAR GRAVITY SIMULATION FACILITY.
N66-38794 14B S04 23 HC$ 2.00 MF$ 0.50

ENVIRONMENTAL TESTING
THE INFLUENCE OF LOW TEMPERATURE ON THE DEVELOPMENT OF MICROORGANISMS. PART IV - THE INFLUENCE OF LOW TEMPERATURE ON THE GROWTH OF MOLDS.
N66-33699 6M S04 19 HC$ 1.00 MF$ 0.50

ENVIRONMENT, SCIENTIFIC RESEARCH
NEEDS FOR ENVIRONMENTAL SATELLITES,
PB-173 486 22B U41 24 HC$ 4.00 MF$ 0.75

ENZYME
STRUCTURAL AND FUNCTIONAL PROPERTIES OF THE H AND M SUBUNITS OF LACTIC DEHYDROGENASES.
N66-33173 6A S04 19 HC$ 2.00 MF$ 0.50

ENZYME ACTIVITY
EVOLUTION OF DEHYDROGENASES.
N66-33382 6A S04 19 HC$ 3.00 MF$ 0.75

ENZYMES, HIGH-PRESSURE RESEARCH
AN ABSORPTION SPECTROPHOTOMETER CELL FOR USE AT HIGH PRESSURES AND ITS APPLICATION TO AN ENZYMIC REACTION.
AD-641 910 6A T66 24 HC$ 1.00 MF$ 0.50

ENZYMES, REACTION KINETICS
ENZYME AMPLIFIER KINETICS,
AD-641 871 6P T66 24

ENZYMES, SPACE MEDICINE
STUDY OF MAN DURING A 56-DAY EXPOSURE TO AN OXYGEN-HELIUM ATMOSPHERE AT 258 MM. HG TOTAL PRESSURE. IV. SELECTED BLOOD ENZYME RESPONSE,
AD-641 806 6S T66 24

EPIDEMIOLOGY, GEOGRAPHY
PROBLEMS OF EPIDEMIOLOGICAL GEOGRAPHY. REPORT IV. ZONAL, REGIONAL AND RESIDUAL NOSOLOGICAL AREAS OF DISEASE.
AD-641 747 6F T66 24 HC$ 1.00 MF$ 0.50

EPOXY RESIN
HIGH TEMPERATURE STABLE CARBORANE ADHESIVES SECOND QUARTERLY PROGRESS REPORT, MAR. 21 - JUN. 20, 1966.
N66-33493 11A S04 19 HC$ 2.00 MF$ 0.50

EVALUATION OF SEVERAL SILICONE, PHENOLIC, AND EPOXY BASE HEAT-SHIELD MATERIALS AT VARIOUS HEAT-TRANSFER RATES AND DYNAMIC PRESSURES.
N66-38139 11I S04 23 HC$ 2.50 MF$ 0.75

EQUATIONS, HARDNESS
REEVALUATION OF THE RAMMSONDE HARDNESS EQUATION.
AD-641 482 8L T66 24 HC$ 1.00 MF$ 0.50

EQUATIONS, ITERATIVE METHODS
THE RELATION BETWEEN ABSOLUTE ITERATION AND NEWTON S METHOD,
AD-641 491 12A T66 24

EROSION, CAVITATION
CAVITATION DAMAGE AND CORRELATIONS WITH MATERIAL AND FLUID PROPERTIES,
PB-173 464 20D U41 24 HC$ 3.00 MF$ 0.50

ERROR
ERROR ANALYSIS OF A WEIGHTED LEAST SQUARES PROCESS TO DETERMINE THE LUNAR GRAVITATIONAL FIELD,
N66-38141 3B S04 23 HC$ 2.00 MF$ 0.50

ERROR DETECTING CODE
AN ERROR DETECTION AND CORRECTION APPROACH TO THE TIME DECODING PROBLEM,
N66-33014 9F S04 19 HC$ 1.00 MF$ 0.50

ERRORS, CODING
ON THE BURST-ERROR-CORRECTING RECURRENT CODES,
AD-641 562 9D T66 24 HC$ 2.00 MF$ 0.50

ERRORS, COMMUNICATION SYSTEMS
ERROR BOUNDS FOR PARALLEL COMMUNICATION CHANNELS.
AD-641 325 17B T66 24 HC$ 3.00 MF$ 0.75

ERRORS, PHOTOGRAMMETRY
ERROR THEORY OF INTERSECTION PHOTOGRAMMETRY,
AD-641 347 8E T66 24 HC$ 3.00 MF$ 0.50

ETHYLENES, BIOSYNTHESIS
ETHYLENE PRODUCTION FROM LINOLENIC ACID.
AD-641 941 6A T66 24

EVAPORATION
MULTILAYER OHMIC CONTACTS ON CD S.
N66-39275 9A S04 23 HC$ 1.00 MF$ 0.50

EVAPORATION RATE
THE VAPOR PRESSURE OF MAGNESIUM BETWEEN 223 DEG AND 385 DEG C.
N66-33423 20M S04 19 HC$ 1.00 MF$ 0.50

EXCITATION
THEORY OF PROTON-HYDROGEN COLLISIONS.
N66-33183 20M S04 19 HC$ 2.00 MF$ 0.50

EXCITED STATE
ABSORPTION SPECTRUM OF THE NO MOLECULE. V - SURVEY OF EXCITED STATES AND THEIR INTERACTIONS.
N66-33367 7D S04 19 HC$ 2.00 MF$ 0.50

EXERCISE
EXPERIMENTAL STUDY OF DYNAMIC EFFECTS OF CREW MOTION IN A MANNED ORBITAL RESEARCH LABORATORY (MORL).
N66-38756 5H S04 23 HC$ 3.25 MF$ 1.25

EXERCISE, SPACE MEDICINE
STUDY OF MAN DURING A 56-DAY EXPOSURE TO AN OXYGEN-HELIUM ATMOSPHERE AT 258 MM. HG TOTAL PRESSURE. V. EXERCISE PERFORMANCE AND CARDIOVASCULAR RESPONSE.
AD-641 805 6S T66 24

EXHAUST GAS
STUDY ON EXHAUST PLUME RADIATION PREDICTIONS INTERIM TECHNICAL PROGRESS REPORT, 1 JUN. 1964 - 30 NOV. 1965.
N66-38105 20M S04 23 HC$ 4.00 MF$ 1.00

EXHAUST GASES, EMISSIVITY
RADIATION FROM ROCKET EXHAUST PLUMES.
AD-641 612 21B T66 24 HC$ 2.00 MF$ 0.50

EXHAUST NOZZLE
EXPERIMENTAL HYDROGEN-FLUORINE ROCKET PERFORMANCE AT LOW PRESSURES AND HIGH RATIOS.
N66-33325 21I S04 19 HC$ 2.00 MF$ 0.50

EXOSPHERE, PERIODIC VARIATIONS
THE LARGE SEMI-ANNUAL VARIATION IN EXOSPHERIC DENSITY A POSSIBLE EXPLANATION.
AD-641 719 4A T66 24 HC$ 1.00 MF$ 0.50

EXPANDABLE STRUCTURES, SOLAR COLLECTORS
CHEMICAL RIGIDIZATION OF EXPANDABLE STRUCTURES.
AD-484 442 13M U41 24 HC$ 4.00 MF$ 0.75

EXPANDABLE STRUCTURES, STATE-OF-THE-ART REVIEWS
EXPANDABLE AND MODULAR STRUCTURES TECHNOLOGY FOR SUPPORT OF MANNED MISSIONS.
AD-641 903 22A T66 24 HC$ 1.00 MF$ 0.50

EXPERIMENTAL DESIGN, COMBINATORIAL ANALYSIS
CONSTRUCTION OF THE UNIQUE SATURATED RESOLUTION V DESIGN IN 256 RUNS.
AD-641 397 12A T66 24 HC$ 1.00 MF$ 0.50

THE CONSTRUCTION OF SATURATED DESIGNS.
AD-641 934 12A T66 24 HC$ 2.00 MF$ 0.50

FACTOR CHANGES AND LINEAR TRENDS IN EIGHT-RUN TWO-LEVEL FACTORIAL DESIGNS.
PB-173 442 12A U41 24 HC$ 1.00 MF$ 0.50

EXPLOSION EFFECTS, ROCK(GEOLOGY)
CLOSE-IN EFFECTS OF NUCLEAR EXPLOSIONS. PART II. ANALYSIS OF GROUND SHOCK FROM NUCLEAR SURFACE BURSTS ON ROCK.
AD-641 311 8M T66 24 HC$ 4.00 MF$ 0.75

EXPLOSIVE FORMING, REPORTS
QUARTERLY TECHNICAL PROGRESS REPORT NO. 5, OF TECHNICAL PROGRESS.
AD-641 407 13M T66 24 HC$ 4.00 MF$ 0.75

EXPLOSIVE MATERIALS, ADDITIVES
CORUSSATIVES AS ADDITIVES FOR HIGH-BLAST EXPLOSIVES.
AD-413 927 19A U41 24 HC$ 4.60

EXPLOSIVE MATERIALS, MANUFACTURING METHODS
A STUDY OF MODERNIZED TECHNIQUES FOR THE MANUFACTURE OF BLACK POWDER.
AD-232 645 19A U41 24 HC$ 9.60

EXPULSION
PROPELLANT EXPULSION IN UNMANNED SPACECRAFT.
N66-37804 21M S04 23 HC$ 2.50 MF$ 0.75

EXTRATERRESTRIAL LIFE
LIFE DETECTION SUBSYSTEM PROGRESS REPORT NO. 1.
N66-33444 6P S04 19 HC$ 3.00 MF$ 0.50

EXTRATERRESTRIAL MATTER
METEORITIC, SOLAR, AND TERRESTRIAL RARE-EARTH DISTRIBUTION.
N66-34044 8D S04 19 HC$ 6.00 MF$ 1.50

EXTRAVEHICULAR OPERATION
IN OPEN SPACE -- VOSKHOD-2 SPACE CRAFT DESIGN.
N66-33694 22B S04 19 HC$ 1.00 MF$ 0.50

EYE MOVEMENT
VISUAL AND CONTROL ASPECTS OF SACCADIC EYE MOVEMENTS.
N66-37775 6P S04 23 HC$ 3.00 MF$ 1.00

EYEGLASSES, UNDERWATER
EVALUATION OF A SWIMMER S CONTACT AIR-WATER LENS SYSTEM.
AD-641 997 17M T66 24

FACSIMILE EQUIPMENT, DESIGN
INSTRUCTION MANUAL FOR PRECISION GRAPHIC RECORDER (PGR).
AD-255 169 19M U41 24 HC$ 14.00

FACTOR ANALYSIS
SOLAR PROBE STUDY. BOOK A, APPENDIX 2 - MISSION ANALYSIS.
N66-32705 22B S04 19 HC$ 3.00 MF$ 0.75

FAILURE
INITIATION OF FAILURE MECHANISMS IN GLASS- RESIN COMPOSITES.
N66-33464 11D S04 19 HC$ 3.00 MF$ 0.75

AEROBEE 150 STRUCTURAL AND AERODYNAMIC PITCH COUPLING.
N66-38489 22A S04 23 HC$ 2.50 MF$ 0.50

FAILURE MODE
STUDY OF FAILURE AND RELIABILITY IN MICROELECTRONIC DEVICES THIRD QUARTERLY REPORT.
N66-32763 9A S04 19 HC$ 2.00 MF$ 0.50

STUDY OF FAILURE AND RELIABILITY IN MICROELECTRONICS DEVICES SECOND QUARTERLY REPORT.
N66-32765 9A S04 19 HC$ 2.00 MF$ 0.50

A NIKE FAILURE STUDY.
N66-33502 16D S04 19 HC$ 2.00 MF$ 0.50

FAILURE(ELECTRONICS), RESISTORS
FAILURE MECHANISMS IN RESISTORS.
AD-641 858 9A T66 24 HC$ 4.00 MF$ 0.75

FAILURE(ELECTRONICS), SEMICONDUCTOR DEVICES
METALLIZATION FAILURES IN SEMICONDUCTOR DEVICES.
AD-641 563 9A T66 24 HC$ 1.00 MF$ 0.50

FALLOUT SHELTERS, PUBLIC OPINION
ADOPTION OF PUBLIC FALLOUT SHELTERS, A 1964 NATIONAL STUDY.
AD-641 645 15C T66 24 HC$ 7.00 MF$ 1.75

AD-641 646 15C T66 24 HC$ 2.00 MF$ 0.50

FALLOUT SHELTERS, VENTILATION
NATURAL VENTILATION TEST OF AN ABOVEGROUND FALLOUT SHELTER IN CHICAGO, ILLINOIS.
AD-641 701 13M T66 24 MF$ 0.75

FAN-IN-WING AIRCRAFT
FLIGHT INVESTIGATION OF DYNAMIC STABILITY AND CONTROL CHARACTERISTICS OF A 0.18-SCALE MODEL OF A FAN-IN-WING VTOL AIRPLANE.
N66-32941 1C S04 19 HC$ 2.00 MF$ 0.50

FAR ULTRAVIOLET
ON THE USE OF THERMOPILES FOR ABSOLUTE RADIOMETRY IN THE FAR ULTRAVIOLET.
N66-33178 20F S04 19 HC$ 2.00 MF$ 0.50

FAST NEUTRON
EFFICIENCY OF ORGANIC SCINTILLATORS FOR FAST NEUTRONS.
N66-33434 18K S04 19 HC$ 3.00 MF$ 0.75

FAST NEUTRONS, DOSIMETERS
EVALUATION OF THE RESPONSE OF SILICON DIODE DOSIMETERS TO FAST NEUTRONS.
AD-641 559 18D T66 24 HC$ 2.00 MF$ 0.50

FAST REACTOR
REACTION RATE DISTRIBUTIONS AND RATIOS IN FRO ASSEMBLIES 1, 2, AND 3.
N66-33125 18K S04 19 HC$ 3.00 MF$ 0.75

THE USE OF PULSED REACTORS IN THE FIELD OF NEUTRON AND SOLID STATE PHYSICS.
N66-33429 18K S04 19 HC$ 3.00 MF$ 0.75

FASTENER
EVALUATION OF FASTENERS AND FASTENER MATERIALS FOR SPACE VEHICLES FINAL REPORT, NOV. 1963 - NOV. 1965.
N66-38104 13E S04 23 HC$ 7.85 MF$ 2.50

FATIGUE
STUDY OF FAILURE AND RELIABILITY IN MICROELECTRONIC DEVICES THIRD QUARTERLY REPORT.
N66-32763 9A S04 19 HC$ 2.00 MF$ 0.50

STUDY OF FAILURE AND RELIABILITY IN MICROELECTRONICS DEVICES SECOND QUARTERLY REPORT.
N66-32765 9A S04 19 HC$ 2.00 MF$ 0.50

FATIGUE TEST
DIFFRACTOMETRIC RESEARCH IN THE FIELD OF DISORDERED STRUCTURES.
N66-38068 20B S04 23 HC$ 1.00 MF$ 0.50

FATIGUE(MECHANICS), STEEL
FATIGUE OF PLATES AND WELDMENTS IN HY-100 AND HY-130/150 STEELS.
AD-480 198 20K U41 24 HC$ 4.00 MF$ 0.75

FATTY ACIDS, HYDRAZINE
EFFECTS OF HYDRAZINE ON FAT TRANSPORT AS AFFECTED BY BLOOD GLUCOSE CONCENTRATION.
AD-641 826 6A T66 24

FEAR, MOTIVATION

FEAR OF FAILURE AND COGNITIVE CONTROLS.
AD-641 891 5J T66 24 HC$ 2.00 MF$ 0.50

FEDERAL BUDGETS, MANAGEMENT PLANNING
ORIGIN AND HISTORY OF PROGRAM BUDGETING.
AD-641 442 5A T66 24 HC$ 1.00 MF$ 0.50

FEEDBACK CONTROL SYSTEM
STUDY OF QUASI-OPTIMUM FEEDBACK CONTROL TECHNIQUES.
N66-33458 17G S04 19 HC$ 3.00 MF$ 0.75

FERROMAGNETIC MATERIALS, GAMMA EMISSION
REALISATION D UN APPAREIL POUR DES MESURES D ORIENTATION NUCLEAIRE A BASSE TEMPERATURE. APPLICATION A L ALLIAGE NEODYME-COBALT (CONSTRUCTION OF AN APPARATUS FOR NUCLEAR ORIENTATION MEASUREMENTS AT LOW TEMPERATURES. APPLICATION TO NEODYMIUM-COBALT ALLOY).
PB-173 400 20L U41 24 HC$ 3.00 MF$ 0.75

FERROMAGNETIC MATERIALS, HYDROSTATIC PRESSURE
EFFECT OF HYDROSTATIC PRESSURE ON THE CURIE POINTS OF SEVERAL FERRITES.
AD-641 494 11G T66 24

FERROMAGNETIC MATERIALS, MICROWAVE EQUIPMENT
INVESTIGATIONS OF BROADBAND FERROMAGNETIC POWER LIMITERS AND EXPANDERS AS DUPLEXING ELEMENTS FOR MICROWAVE SYSTEMS.
AD-641 994 9E T66 24 HC$ 2.00 MF$ 0.50

FERROMAGNETIC MATERIALS, QUANTUM MECHANICS
TRANSMISSION LINE MODELS OF MAGNON-PHONON MODES IN FERRITES. PART I. UNCOUPLED MODES.
AD-641 638 20C T66 24 HC$ 1.00 MF$ 0.50

FERROMAGNETISM, BAND THEORY OF SOLIDS
GROUND STATE OF CORRELATED ELECTRONS IN A NARROW ALMOST HALF FILLED S BAND.
AD-641 777 20C T66 24

FERROMAGNETISM, NUCLEAR SPINS
STRONG-COUPLING LIMIT IN DILUTE ALLOYS.
AD-641 776 20C T66 24

FERROMAGNETISM, THEORY
ENERGY DEPENDENCE OF THE OPTICAL POTENTIAL FOR ELECTRONS.
AD-641 637 20C T66 24

HEISENBERG MODEL WITH LONG RANGE INTERACTION.
AD-641 773 20C T66 24

PHASE TRANSITION OF A TWO-DIMENSIONAL CONTINUUM-ISING MODEL.
AD-641 774 20C T66 24

FERROMAGNETISM, EQUATIONS
APPLICATION OF THE MODIFIED BLOCH EQUATION TO THE LOW-TEMPERATURE BEHAVIOR OF THE HEISENBERG FERROMAGNET.
AD-641 683 20C T66 24

FIELD EFFECT TRANSISTOR (FET)
DAMAGE TO FIELD-EFFECT TRANSISTORS UNDER 22 AND 128 ME V PROTON BOMBARDMENTS.
N66-37676 9A S04 23 HC$ 2.00 MF$ 0.50

FIELD STRENGTH
OSCILLATOR STRENGTHS AND HIGH ACCURACY WAVE FUNCTIONS FOR NEUTRAL HELIUM.
N66-33385 20J S04 19 HC$ 1.00 MF$ 0.50

FIELD THEORY, EQUATIONS
FEYNMAN RULES AND FEYNMAN INTEGRALS FOR SYSTEM WITH HIGHER-SPIN FIELDS.
AD-641 617 20J T66 24

FIELD THEORY, FUNCTIONAL ANALYSIS
EQUIVALENCE OF LOCALITY AND PARALOCALITY IN FREE PARAFIELD THEORY.
AD-641 627 20J T66 24

FIELD THEORY, NUCLEAR CROSS SECTIONS
USE OF UNITARITY IN PROVING POMERANCHUK S THEOREM ON CROSS SECTIONS AT HIGH ENERGIES.
AD-641 619 20J T66 24

FIELD THEORY, NUCLEAR SPINS
SPIN WAVES IN AN INTERACTING ELECTRON GAS.
AD-641 631 20C T66 24

FIELD THEORY, RELATIVITY THEORY
COMPLEX RELATIVITY THEORY AND WAVE MECHANICS, (IA).
AD-641 908 20J T66 24 HC$ 2.00 MF$ 0.50

FIELD THEORY, TRANSFORMATIONS(MATHEMATICS)
OPERATOR AND GENERALIZED GAUGE TRANSFORMATIONS IN QUANTUM ELECTRODYNAMICS.
AD-641 615 20J T66 24

FIGHTER AIRCRAFT
FLIGHT MEASUREMENTS OF SOME OF THE FLYING QUALITIES AND STABILITY DERIVATIVES OF A SUPERSONIC FIGHTER AIRPLANE.
N66-34078 1B S04 19 HC$ 2.50 MF$ 0.75

TRANSONIC WIND-TUNNEL INVESTIGATION OF STATIC LONGITUDINAL AND LATERAL STABILITY AND CONTROL CHARACTERISTICS AND DRAG RISE OF A REPRESENTATIVE FIGHTER AIRPLANE.
N66-34082 1D S04 19 HC$ 3.00 MF$ 1.00

EXPERIMENTALLY DETERMINED EFFECTS OF VARYING PITCH AND CONTROL STIFFNESSES ON THE FLUTTER CHARACTERISTICS AT SUPERSONIC SPEEDS OF ALL- MOVABLE WING AND TAIL MODELS.
N66-34084 1D S04 19 HC$ 2.00 MF$ 0.50

FILAMENT
A NEW CLASS OF TRAPPED LIGHT FILAMENTS.
N66-33863 20E S04 19 HC$ 1.00 MF$ 0.50

FILAMENT WINDING
PRECISION WINDING OF CYLINDRICAL COMPOSITES WITH SHAPED GLASS FILAMENTS.
N66-32958 13M S04 19 HC$ 2.00 MF$ 0.50

FILM COOLING
TRANSPIRATION AND FILM COOLING OF LIQUID ROCKET NOZZLES.
N66-38728 20M S04 23 HC$ 3.00 MF$ 0.75

FILMS, CYANIDES
A RADIOCHEMICAL INVESTIGATION OF THE MECHANISM OF FORMATION OF CYANIDE FILMS ON STEEL COMPONENTS IN ALKALI-CYANIDE ELECTROPLATING BATHS.
AD-641 663 7D T66 24 HC$ 3.00 MF$ 0.50

FILMS, HYDRAULIC SEALS
AN ANALYTICAL STUDY OF THIN FLUID FILMS IN FACETYPE SHAFT SEALS.
AD-460 741 11A U41 24 HC$ 4.00

FILMS, SPUTTERING
THIN FILMS FORMED BY ELECTROCHEMICAL REACTIONS.
AD-641 613 9A T66 24 HC$ 3.00 MF$ 0.50

FINENESS RATIO
TRANSONIC WIND-TUNNEL MEASUREMENTS OF SOME DYNAMIC LONGITUDINAL AND DIRECTIONAL STABILITY PARAMETERS FOR A FINNED SPINNING BODY OF REVOLUTION HAVING A HIGH FINENESS RATIO.
N66-33323 1A S04 19 HC$ 1.00 MF$ 0.50

FIRE EXTINGUISHERS, DECONTAMINATION
REMOVAL OF SIMULATED FALLOUT FROM ASPHALT STREETS BY FIREHOSING TECHNIQUES.
AD-641 480 18H T66 24 HC$ 4.00 MF$ 0.75

FIRE PROJECT
PROJECT FIRE PHOTOGRAPHIC SUMMARY AND RECORD OF REENTRY PHENOMENA AT HYPERBOLIC VELOCITIES.
N66-38406 20M S04 23 HC$ 2.50 MF$ 0.75

PROJECT FIRE INSTRUMENTATION FOR RADIATIVE HEATING AND RELATED MEASUREMENTS.
N66-38410 20M S04 23 HC$ 2.50 MF$ 0.75

FIRE SAFETY, SYMPOSIA
FEDERAL FIRE COUNCIL MINUTES OF MEETING, FIRE PREVENTION ACTIVITIES, HELPS AND IDEAS.
AD-641 967 13L T66 24 HC$ 1.60 MF$ 0.50

FEDERAL FIRE COUNCIL MINUTES OF ANNUAL MEETING, MARCH 8, 1961.
AD-641 968 13L T66 24 HC$ 2.60 MF$ 0.50

FEDERAL FIRE COUNCIL MINUTES OF ANNUAL MEETING, FEBRUARY 21, 1962.
AD-641 969 13L T66 24 HC$ 3.60 MF$ 0.50

FEDERAL FIRE COUNCIL MINUTES OF MEETING DECEMBER 15, 1965. HIGH EXPANSION FOAM FOR FIRE SUPPRESSION.
AD-641 970 13L T66 24 HC$ 2.00 MF$ 0.50

FIRST ORDER EQUATION
STUDY OF QUASI-OPTIMUM FEEDBACK CONTROL TECHNIQUES.
N66-33458 17G S04 19 HC$ 3.00 MF$ 0.75

FISHES, CONDITIONED REFLEX
CLASSICAL CONDITIONING OF ELECTRIC ORGAN DISCHARGE RATE IN MORMYRIDS.
AD-641 728 6C T66 24

FISHES, NERVE CELLS
THE FINE STRUCTURE OF THE SUPRAMEDULLARY NEURONS OF THE PUFFER WITH SPECIAL REFERENCE TO ENDOCELLULAR AND PERICELLULAR CAPILLARIES.
AD-641 735 6C T66 24

FISSION PRODUCT
RECENT STUDIES ON PYROLYTIC CARBON COATINGS ON FUEL PARTICLES.
N66-38087 18G S04 23 HC$ 2.00 MF$ 0.50

FISSION PRODUCTS, XENON
CONTRIBUTION A L ETUDE DE LA DESORPTION DES GAZ DE FISSION FORMES DANS L OXYDE D URANIUM IRRADIE (CONTRIBUTION TO THE STUDY OF THE DESORPTION OF FISSION GASES FORMED IN IRRADIATED URANIUM OXIDE).
PB-173 389 18G U41 24 HC$ 2.00 MF$ 0.50

FIXED POINT
MINIMUM TIME AIRCRAFT TRAJECTORIES BETWEEN TWO POINTS IN RANGE ALTITUDE SPACE.
N66-38425 1B S04 23 HC$ 2.50 MF$ 0.50

FLAME PROPAGATION, PENTABORANES
THE DETERMINATION OF FLAME SPEED OF PENTABORANE-OXYGEN-NITROGEN MIXTURES.
AD-641 503 21B T66 24 HC$ 2.00 MF$ 0.50

FLAP CONTROL
HEAT-TRANSFER AND PRESSURE DISTRIBUTIONS ON A FLAT-FACE ROUNDED-CORNER BODY OF REVOLUTION WITH AND WITHOUT A FLAP AT A MACH NUMBER OF 8.
N66-33334 20M S04 19 HC$ 2.50 MF$ 0.75

FLARES, HIGH ALTITUDE
NEW FLARE FORMULATIONS FOR HIGH ALTITUDE APPLICATION.

AD-641 957 19A T66 24 HC$ 1.00 MF$ 0.50

FLAT PLATE
ROUGHNESS EFFECTS ON BOUNDARY-LAYER TRANSITION FOR BLUNT-LEADING-EDGE PLATES AT MACH 6.
N66-33015 1A S04 19 HC$ 2.00 MF$ 0.50

PRESSURE DISTRIBUTIONS ON A FLAT-PLATE DELTA WING SWEPT 65 DEG AT A MACH NUMBER OF 5.97 AT ANGLES OF ATTACK FROM 65 DEG TO 115 DEG AND ANGLES OF ROLL FROM 0 DEG TO 25 DEG AT A 90 DEG ANGLE OF ATTACK.
N66-33327 1A S04 19 HC$ 2.00 MF$ 0.50

A THEORETICAL AND EXPERIMENTAL STUDY AT MACH 8 OF FLOW SEPARATION OF A FLAT PLATE WITH DEFLECTED TRAILING EDGE FLAP.
N66-35716 1A S04 23 HC$ 5.00 MF$ 1.00

FLAT SURFACE
HEAT-TRANSFER AND PRESSURE DISTRIBUTIONS ON A FLAT-FACE ROUNDED-CORNER BODY OF REVOLUTION WITH AND WITHOUT A FLAP AT A MACH NUMBER OF 8.
N66-33334 20H S04 19 HC$ 2.50 MF$ 0.75

FLIGHT CHARACTERISTICS
AEROBEE 150 STRUCTURAL AND AERODYNAMIC PITCH COUPLING.
N66-38489 22A S04 23 HC$ 2.50 MF$ 0.50

FLIGHT CONTROL SYSTEMS, MATHEMATICAL MODELS
RESEARCH AND STUDY OF ANALYTICAL TECHNIQUES FOR PREDICTING RELIABILITY OF FLIGHT-CONTROL SYSTEMS.
AD-449 419 1D U41 24 HC$ 23.50

FLIGHT INSTRUMENTS, AVIATION SAFETY
IN-FLIGHT RESPONSE TO A NEW NON-GYROSCOPIC BLIND FLIGHT INSTRUMENT.
AD-641 479 1D T66 24 HC$ 1.00 MF$ 0.50

FLIGHT MECHANICS
SOLAR PROBE STUDY. BOOK A, APPENDIX 2 - MISSION ANALYSIS.
N66-32705 22B S04 19 HC$ 3.00 MF$ 0.75

FLIGHT PATHS, DYNAMIC PROGRAMMING
APPLICATION OF DYNAMIC PROGRAMMING TO THE AIRPLANE MINIMUM TIME-TO-CLIMB PROBLEM.
AD-101 008 17G U41 24 HC$ 2.60

FLIGHT PATHS, JET FIGHTERS
A STUDY TO DETERMINE THE FLIGHT PATHS WHICH REQUIRE MINIMUM TIME AND MINIMUM FUEL FOR A TYPICAL PRESENT DAY INTERCEPTOR.
AD-102 896 1B U41 24 HC$ 1.60

FLIGHT PATHS, JET PLANES
CLIMB PATH FOR LEAST ELAPSED TIME.
AD-102 897 17G U41 24 HC$ 1.60

FLIGHT SIMULATION
FLIGHT SIMULATED OFF-THE-PAD ESCAPE AND LANDING MANEUVERS FOR A VERTICALLY LAUNCHED HYPERSONIC GLIDER.
N66-33330 1B S04 19 HC$ 2.00 MF$ 0.50

A SUMMARY OF RESULTS OBTAINED DURING FLIGHT SIMULATION OF SEVERAL AIRCRAFT PROTOTYPES WITH VARIABLE-STABILITY AIRPLANES.
N66-34881 1B S04 19 HC$ 2.50 MF$ 0.75

INFLIGHT AND GROUND-BASED SIMULATION OF HANDLING QUALITIES OF VERY LARGE AIRPLANES IN LANDING APPROACH.
N66-38885 1B S04 23 HC$ 2.50 MF$ 0.75

FLIGHT SIMULATOR
VALIDATION OF A RESEARCH SIMULATOR FOR INVESTIGATING JET TRANSPORT HANDLING QUALITIES AND AIRWORTHINESS CRITERIA DURING TAKEOFF.
N66-35747 14B S04 23 HC$ 2.50 MF$ 0.50

FLIGHT TEST
FLIGHT INVESTIGATION OF DYNAMIC STABILITY AND CONTROL CHARACTERISTICS OF A 0.18-SCALE MODEL OF A FAN-IN-WING VTOL AIRPLANE.
N66-32941 1C S04 19 HC$ 2.00 MF$ 0.50

FLIGHT MEASUREMENTS OF SOME OF THE FLYING QUALITIES AND STABILITY DERIVATIVES OF A SUPERSONIC FIGHTER AIRPLANE.
N66-34078 1B S04 19 HC$ 2.50 MF$ 0.75

BREGUET.941 - IDENTIFICATION, PERFORMANCE, FLIGHT QUALITIES.
N66-35360 1C S04 23 HC$ 3.25 MF$ 1.25

FLOW DISTORTION
ATTENUATION OF SINUSOIDAL DISTURBANCES IN NONVISCOUS LIQUID FLOWING IN A LONG LINE WITH DISTRIBUTED LEAKAGE.
N66-33022 20D S04 19 HC$ 2.00 MF$ 0.50

FLOW FIELD
EFFECTS OF WING-FUSELAGE FLOW FIELDS ON MISSILE LOADS AT SUBSONIC SPEEDS.
N66-33314 1B S04 19 HC$ 1.00 MF$ 0.50

FLOW FIELD COMPUTER PROGRAM FINAL REPORT.
N66-33713 20D S04 19 HC$ 2.50 MF$ 0.50

FLOW RATE
FLOW LOSSES IN FLEXIBLE HOSE QUARTERLY PROGRESS REPORT NO. 4, MAR. 14 - JUN. 14, 1965.
N66-33495 20D S04 19 HC$ 2.50 MF$ 0.75

FLOW SEPARATION
A THEORETICAL AND EXPERIMENTAL INVESTIGATION OF SECONDARY JETS IN A MACH 6 FREE STREAM WITH EMPHASIS ON THE STRUCTURE OF THE JET AND SEPARATION AHEAD OF THE JET.
N66-32721 20D S04 19 HC$ 2.00 MF$ 0.50

A THEORETICAL AND EXPERIMENTAL STUDY AT MACH 8 OF FLOW SEPARATION OF A FLAT PLATE WITH DEFLECTED TRAILING EDGE FLAP.
N66-35716 1A S04 23 HC$ 5.00 MF$ 1.00

FLUID FLOW, ANGLE OF ATTACK
ON OPERATION OF PUMPS AND BLOWERS UNDER REDUCED FEED REGIMES.
AD-641 856 20D T66 24 HC$ 1.00 MF$ 0.50

FLUID FLOW, STABILITY
A STABILITY ANALYSIS OF SUPERPOSED FLUIDS.
AD-641 439 20D T66 24 HC$ 2.00 MF$ 0.50

NONLINEAR ASPECTS OF INSTABILITY IN FLOW BETWEEN ROTATING CYLINDERS.
AD-641 841 20D T66 24

FLUID JET AMPLIFIER
DESIGN OF A FLUID JET AMPLIFIER WITH REDUCED RECEIVER-INTERACTION-REGION COUPLING.
N66-37679 13B S04 23 HC$ 2.00 MF$ 0.50

FLUID MECHANICS
CRYOGENIC TECHNOLOGY RESEARCH AT MSFC.
N66-37993 21H S04 23 HC$ 2.00 MF$ 0.50

FLUID MECHANICS, PIPES
WAVES IN FLUID-FILLED ELASTIC TUBES.
PB-173 453 20D U41 24 HC$ 3.00 MF$ 0.75

FLUID MECHANICS, STEAM
REPRESENTATIVE RESEARCH PAPERS OF THE APPLIED PHYSICS DEPARTMENT.
AD-641 842 20D T66 24

FLUIDIZED BED
AN EXPERIMENTAL STUDY OF FLUIDIZATION PROCESSES UNDER LUNAR CONDITIONS.
N66-38803 3B S04 23 HC$ 2.50 MF$ 0.75

FLUIDS, LUBRICATION
PROCESS FLUID LUBRICATION.
AD-641 369 11H T66 24 HC$ 1.00 MF$ 0.50

FLUIDS, ROTATION
ROTATING FLUID MASSES IN GENERAL RELATIVITY.
AD-641 681 20D T66 24

A VARIATIONAL PRINCIPLE FOR A ROTATING RELATIVISTIC FLUID.
AD-641 730 20D T66 24

FLUORESCENCE, EMISSIVITY
DIRECT RADIATIVE EXCITON-EXCITON ANNIHILATION.
AD-641 811 7E T66 24

FLUORIDE
SUBLIMATION PRESSURES OF REFRACTORY FLUORIDES.
N66-33392 7D S04 19 HC$ 1.00 MF$ 0.50

FLUORIDES, LITHIUM COMPOUNDS
TEMPERATURE DEPENDENCE OF INFRARED DISPERSION IN IONIC CRYSTALS LIF AND MGO.
AD-641 694 20F T66 24

FLUORIDES, NUCLEAR MAGNETIC RESONANCE
NUCLEAR MAGNETIC RESONANCE STUDIES OF PUNE AND SAMARIUM-DOPED CAF2 CRYSTALS.
AD-641 791 7D T66 24

FLUORINE
EXPERIMENTAL HYDROGEN-FLUORINE ROCKET PERFORMANCE AT LOW PRESSURES AND HIGH RATIOS.
N66-33325 21I S04 19 HC$ 2.00 MF$ 0.50

INVESTIGATION OF SMALL-SCALE HYDRAZINE- FLUORINE INJECTORS.
N66-33332 21H S04 19 HC$ 1.00 MF$ 0.50

INVESTIGATION OF INJECTORS FOR A LOW-CHAMBER- PRESSURE HYDROGEN-FLUORINE ROCKET ENGINE.
N66-33333 21H S04 19 HC$ 2.00 MF$ 0.50

EXPERIMENTAL PERFORMANCE OF A HYDROGEN- FLUORINE ROCKET ENGINE AT SEVERAL CHAMBER PRESSURES AND EXHAUST-NOZZLE EXPANSION AREA RATIOS.
N66-33340 21H S04 19 HC$ 2.00 MF$ 0.50

FLUORINE COMPOUNDS, AROMATIC COMPOUNDS
FLUOROAROMATIC POLYMERS. PERFLUORO-P-TERPHENYL, QUATERPHENYL AND QUINQUEPHENYL.
AD-449 913 7D U41 24 HC$ 1.60

FLUOROAROMATIC POLYMERS. PERFLUORO-P-TERPHENYL, -QUATERPHENYL AND -QUINQUEPHENYL.
AD-449 913 7C U41 24 HC$ 1.60

FLUORINE-LIQUID OXYGEN (FLOX)
PERFORMANCE OF JP-4 FUEL WITH FLUORINE- OXYGEN MIXTURES IN 1000-POUND-THRUST ROCKET ENGINES.
N66-33309 21I S04 19 HC$ 2.00 MF$ 0.50

METEOROLOGICAL CONSIDERATIONS IN THE HANDLING OF A MIXTURE OF LIQUID FLUORINE AND LIQUID OXYGEN.
N66-33768 4B S04 19 HC$ 2.00 MF$ 0.50

FLUORINE, PROTON BOMBARDMENT
DIRECT REACTION ANALYSIS OF THE F19(P,ALPHA)O16 REACTION.
AD-641 684 20H T66 24

FLUTTER
NACA CONFERENCE ON AIRCRAFT LOADS, FLUTTER, AND STRUCTURES - A COMPILATION OF THE PAPERS PRESENTED.
N66-33351 20K S04 19 HC$ 6.36 MF$ 3.00

EXPERIMENTALLY DETERMINED EFFECTS OF VARYING PITCH AND CONTROL STIFFNESSES ON THE FLUTTER CHARACTERISTICS AT SUPERSONIC SPEEDS OF ALL- MOVABLE WING AND TAIL MODELS.
N66-34084 1D S04 19 HC$ 2.00 MF$ 0.50

FLUTTER ANALYSIS
FLUTTER OF MULTIPLE-STREAMWISE BAY RECTANGULAR PANELS AT LOW SUPERSONIC MACH NUMBER.
N66-33024 20K S04 19 HC$ 2.00 MF$ 0.50

TRANSONIC FLUTTER INVESTIGATION OF MODELS OF PROPOSED HORIZONTAL TAILS FOR THE X-15 AIRPLANE.
N66-33328 1A S04 19 HC$ 2.00 MF$ 0.50

TRANSONIC FLUTTER INVESTIGATION OF MODELS OF THE X-15 AIRPLANE HORIZONTAL TAIL.
N66-33329 1A S04 19 HC$ 2.00 MF$ 0.50

EFFECTS OF MODIFICATIONS TO A CONTROL SURFACE ON A 6-PERCENT THICK UNSWEPT WING ON THE TRANSONIC CONTROL-SURFACE FLUTTER DERIVATIVES.
N66-33343 1A S04 19 HC$ 2.50 MF$ 0.75

COMPARISON OF PANEL FLUTTER RESULTS FROM APPROXIMATE AERODYNAMIC THEORY WITH RESULTS FROM EXACT INVISCID THEORY AND EXPERIMENT.
N66-33412 20K S04 23 HC$ 2.00 MF$ 0.50

FLUTTER, HELICOPTER BLADES
EXPERIMENTAL AND THEORETICAL INVESTIGATION OF THE FLUTTER CHARACTERISTICS OF A MODEL HELLICOPTER ROTOR BLADE IN FORWARD FLIGHT.
AD-275 107 1A U41 24 HC$ 7.60

FLYBY MISSION
NAVIGATOR STUDY OF ELECTRIC PROPULSION FOR UNMANNED SCIENTIFIC MISSIONS, CONSTANT POWER MISSION ANALYSIS.
N66-33463 21C S04 19 HC$ 2.00 MF$ 0.50

FLYING PERSONNEL
A STUDY OF POTENTIAL ROLES OF SUPERSONIC TRANSPORT CREWS AND SOME IMPLICATIONS FOR THE FLIGHT DECK, VOLUME II - FEASIBLE AUTOMATED AND MANUAL IMPLEMENTATION CONCEPTS FOR SST ACTIVITIES AND FUNCTIONS, FINAL REPORT.
N66-33751 5H S04 23 HC$ 6.00 MF$ 3.00

FLYING QUALITY
FLIGHT MEASUREMENTS OF SOME OF THE FLYING QUALITIES AND STABILITY DERIVATIVES OF A SUPERSONIC FIGHTER AIRPLANE.
N66-34078 1B S04 19 HC$ 2.50 MF$ 0.75

BREGUET.941 - IDENTIFICATION, PERFORMANCE, FLIGHT QUALITIES.
N66-33360 1C S04 23 HC$ 3.25 MF$ 1.25

FLYWHEEL
MOTION OF A RIGID BODY UNDER THE EFFECT OF ROTATION OF AN INTERNAL FLYWHEEL.
N66-33697 20D S04 19 HC$ 1.00 MF$ 0.50

FOIL BEARING
ANALYZATION, DESIGN, FABRICATION, AND TESTING OF A FOIL BEARING ROTOR SUPPORT SYSTEM FINAL TECHNICAL REPORT.
N66-32962 13I S04 19 HC$ 4.00 MF$ 0.75

FORCE DISTRIBUTION
SUPERSONIC INVESTIGATION OF EFFECTS OF CONFIGURATION GEOMETRY ON PRESSURE-COEFFICIENT AND SECTION NORMAL-FORCE-COEFFICIENT DISTRIBUTIONS FOR A TWO-STAGE LAUNCH VEHICLE.
N66-33451 1A S04 19 HC$ 2.00 MF$ 0.50

FORCE FIELD
THE GRAVITY POTENTIAL AND FORCE FIELD OF THE EARTH THROUGH FOURTH ORDER.
N66-33703 4A S04 19 HC$ 2.50 MF$ 0.75

FORTRAN
THE MEASUREMENT OF PROGRAM LOOPING SPEED IN DIGITAL COMPUTERS THROUGH MATRIX INVERSION BY PARTITIONING.
N66-36720 9B S04 23 HC$ 3.00 MF$ 0.75

FOUNDATIONS(STRUCTURES), LOADING(MECHANICS)
DYNAMIC PRESSURE DISTRIBUTION AT THE BASE OF A RIGID FOOTING SUBJECTED TO VIBRATORY LOADS.
AD-450 669 20K U41 24 HC$ 6.00

FOURIER ANALYSIS
A NOTE ON THE ABILITY TO PREDICT TRANSONIC DRAG-RISE CHANGES DUE TO MODEL MODIFICATIONS.
N66-34079 1A S04 19 HC$ 2.00 MF$ 0.50

FRACTURE(MECHANICS), STRESSES
A TWO-DIMENSIONAL CRACK PROBLEM.
AD-641 555 20K T66 24

FREE BOUNDARY
ONE NON-LINEAR PROBLEM WITH A FREE BOUNDARY.
N66-33688 12A S04 19 HC$ 1.00 MF$ 0.50

FREE FLIGHT
DYNAMIC STABILITY INVESTIGATION OF TWO RIGHT CIRCULAR CYLINDERS IN AXIAL FREE FLIGHT AT MACH NUMBERS FROM 0.4 TO 1.7 FINENESS-RATIO- 2.56 CYLINDER AND FINENESS-RATIO-4.0 CYLINDER WITH FLARED AFTERBODY.
N66-33313 1A S04 19 HC$ 2.00 MF$ 0.50

FREE RADICALS, ADENOSINE PHOSPHATES
ON THE EXISTENCE OF FREE RADICALS IN ENZYMATIC HYDROLYSIS OF ADENOSINE TRIPOSPHATE.
AD-641 425 6A T66 24 HC$ 1.00 MF$ 0.50

FREE SPACE
AN ENGINEERING STUDY AND PRELIMINARY DESIGN OF A ONE MAN PROPULSION DEVICE FOR LUNAR AND FREE-SPACE ENVIRONMENTS MID-POINT ORAL STATUS REPORT.
N66-33717 5E S04 19 HC$ 2.50 MF$ 0.50

FREE STREAM
ROUGHNESS EFFECTS ON BOUNDARY-LAYER TRANSITION FOR BLUNT-LEADING-EDGE PLATES AT MACH 6.
N66-33015 1A S04 19 HC$ 2.00 MF$ 0.50

INVESTIGATION OF HIGH-ANGLE-OF-ATTACK PERFORMANCE OF A 14 DEG RAMP-TYPE INLET IN VARIOUS CIRCUMFERENTIAL BODY LOCATIONS, MACH NUMBER RANGE 1.5 TO 2.0.
N66-33339 1A S04 19 HC$ 2.00 MF$ 0.50

FREE VIBRATION
SOME FREE VIBRATION AND DYNAMIC RESPONSE PROBLEMS ASSOCIATED WITH CENTRIFUGALLY STABILIZED DISK AND SHELL STRUCTURES SEMIANNUAL PROGRESS REPORT, 15 FEB. - 15 AUG. 1966.
N66-33400 20K S04 19 HC$ 1.00 MF$ 0.50

FREEZING
FEASIBILITY STUDY OF FREEZE-OUT TECHNIQUES FOR CONTAMINANT CONTROL WITHIN MANNED SPACECRAFT ATMOSPHERES FINAL TECHNICAL REPORT, 11 OCT. 1965 - 11 APR. 1966.
N66-33198 5E S04 19 HC$ 5.00 MF$ 1.00

FREEZING, TISSUES(BIOLOGY)
WHOLE ORGAN FREEZING AND THAWING HEAT TRANSFER AND THERMAL PROPERTIES.
AD-641 900 6E T66 24 HC$ 1.00 MF$ 0.50

FREQUENCY CONTROL
USE OF PHASE-LOCKED-LOOP CONTROL FOR DRIVING ULTRASONIC TRANSDUCERS.
N66-33455 9C S04 19 HC$ 1.00 MF$ 0.50

FREQUENCY CONVERTERS, SIGNAL-TO-NOISE RATIO
SIGNAL ENHANCEMENT TECHNIQUES.
AD-641 413 9E T66 24 HC$ 3.00 MF$ 0.75

FREQUENCY MODULATION
HIGH SHOCK FM TRANSMITTER.
N66-33974 9F S04 19 HC$ 2.00 MF$ 0.50

FREQUENCY RESPONSE
AN EXPERIMENTAL AND ANALYTICAL STUDY OF THE LONGITUDINAL VIBRATION OF A SIMPLIFIED THOR VEHICLE STRUCTURE.
N66-36140 22D S04 23 HC$ 2.00 MF$ 0.50

FREQUENCY, STANDARDS
A TRANSISTORIZED FREQUENCY STANDARD.
AD-251 107 9E U41 24 HC$ 1.60

FRICTION COEFFICIENT
DETERMINATION OF THE THERMAL CHARACTERISTICS OF A TWO-DIMENSIONAL LAMINAR BOUNDARY LAYER IN A COMPRESSIBLE GAS WITHOUT A LONGITUDINAL PRESSURE GRADIENT, IN THE VICINITY OF THE FORWARD STAGNATION POINT.
N66-33695 20M S04 19 HC$ 1.00 MF$ 0.50

FUEL CELL
USE OF A FLUIDIC OSCILLATOR AS A HUMIDITY SENSOR FOR A HYDROGEN-STEAM MIXTURE.
N66-33487 7D S04 19 HC$ 1.00 MF$ 0.50

FUEL CELLS, AMMONIA
DIRECT AMMONIA-AIR FUEL CELL.
AD-445 865 10A U41 24 HC$ 5.60

FUEL CELLS, CATALYSIS
INVESTIGATION OF MECHANISMS FOR ELECTROCHEMICAL CATALYSIS.
AD-641 412 10B T66 24 HC$ 2.00 MF$ 0.50

FUEL CELLS, ELECTROCHEMISTRY
THE USE OF LARGE ANODIC GALVANOSTATIC TRANSIENTS TO EVALUATE THE MAXIMUM ADSONPTION ON PT FROM HCOOH SOLUTIONS.
AD-445 787 7D U41 24 HC$ 3.60

FUEL CELLS, POWER SUPPLIES
FUEL CELL CATHODE STRUCTURES AND REACTIONS.
AD-286 698 10B U41 24 HC$ 10.60

FUEL CELLS, SORPTION
BASIC STUDY OF SORPTION OF ORGANIC FUELS DURING OXIDATION AT ELECTRODES.
AD-454 676 21D U41 24 HC$ 12.60

FUEL ELEMENT
RESULTS AND INTERPRETATION OF SPECIAL INDICES MEASUREMENTS MADE WITH AQUILON.
N66-36120 18J S04 23 HC$ 3.00 MF$ 0.50

FUEL FLOW REGULATOR
MINIMUM ENERGY TIME-OPTIMAL CONTROL FOR SATURATING SAMPLED-DATA SYSTEMS.
N66-32704 9C S04 19 HC$ 1.00 MF$ 0.50

FUEL INJECTION
FLUORINE-HYDROGEN PERFORMANCE EVALUATION, PHASE I, PART I - ANALYSIS, DESIGN, AND DEMONSTRATION OF HIGH PERFORMANCE INJECTORS FOR THE LIQUID FLUORINE-GASEOUS HYDROGEN COMBINATION FINAL REPORT.
N66-32923 21H S04 19 HC$ 3.75 MF$ 1.25

INVESTIGATION OF SMALL-SCALE HYDRAZINE- FLUORINE INJECTORS.

N66-33332 21H S04 19 HC$ 1.00 MF$ 0.50

INVESTIGATION OF INJECTORS FOR A LOW-CHAMBER- PRESSURE HYDROGEN-FLUORINE ROCKET ENGINE,
N66-33333 21H S04 19 HC$ 2.00 MF$ 0.50

FUEL TANK
FUEL SLOSHING STUDIES QUARTERLY PROGRESS REPORT NO. 15, 1 OCT. - 31 DEC. 1965.
N66-34871 20D S04 19 HC$ 1.00 MF$ 0.50

FUNCTIONAL ANALYSIS, ALGEBRAS
FACTORIZATION THEOREMS FOR BANACH ALGEBRAS,
AD-641 464 12A T66 24

FUNCTIONAL ANALYSIS, FIELD THEORY
EQUIVALENCE OF LOCALITY AND PARALOCALITY IN FREE PARAFIELD THEORY,
AD-641 627 20J T66 24

FUNCTIONAL ANALYSIS, INEQUALITIES
LOWER BOUNDS FOR SOLUTIONS OF DIFFERENTIAL INEQUALITIES IN HILBERT SPACE.
AD-641 736 12A T66 24

FUNCTIONAL ANALYSIS, MAPPING(TRANSFORMATIONS)
REMARKS ON A GENERALIZATION OF BANACH S PRINCIPLE OF CONTRACTION MAPPINGS,
AD-641 538 12A T66 24

FUNCTIONAL ANALYSIS, MEASURE THEORY
MEASURE ALGEBRAS AND SPECTRAL REPRESENTATIONS,
AD-641 975 12A T66 24 HC$ 2.00 MF$ 0.50

FUNCTIONAL ANALYSIS, NONLINEAR DIFFERENTIAL EQUATIONS
ON THE NON-EXISTENCE OF L SQUARE SOLUTIONS OF A CLASS OF NON LINEAR DIFFERENTIAL EQUATIONS,
AD-641 556 12A T66 24

FUNCTIONAL ANALYSIS, OPERATORS(MATHEMATICS)
WAVE OPERATORS AND SIMILARITY FOR SOME NON-SELFADJOINT OPERATOR,
AD-641 737 12A T66 24

FUNCTIONAL ANALYSIS, STABILITY
VECTOR LYAPUNOV FUNCTIONS AND CONDITIONAL STABILITY,
AD-641 881 12A T66 24

FUNCTIONAL ANALYSIS, TOPOLOGY
THE REDUCTION OF A FUNCTION NEAR A NONDEGENERATE CRITICAL POINT,
AD-641 510 12A T66 24

A MODEL NON-DEGENERATE FUNCTION,
AD-641 514 12A T66 24

FUNCTIONS, ALGEBRAS
ON SOME RESTRICTION ALGEBRAS,
AD-641 537 12A T66 24

FUNCTIONS, INTEGRAL TRANSFORMS
CONVOLUTION TRANSFORMS WHOSE INVERSION FUNCTIONS HAVE COMPLEX ROOTS,
AD-641 526 12A T66 24

FUNCTIONS, OPERATORS(MATHEMATICS)
EXPANSION THEOREM FOR FUNCTIONS OF OPERATORS,
AD-641 552 20J T66 24

FUNCTIONS, THEOREMS
COVERING THEOREMS FOR UNIVALENT FUNCTIONS,
AD-641 512 12A T66 24

FURNACES, TEMPERATURE CONTROL
STABILISATEURS DE TENSION POUR FOURS A HAUTE TEMPERATURE (VOLTAGE STABILIZATORS FOR HIGH TEMPERATURE FURNACE),
PB-173 403 13A U41 24 HC$ 1.00 MF$ 0.50

FUSELAGE
LOW-SPEED INVESTIGATION OF EFFECTS OF VERTICAL TAILS ON THE STATIC STABILITY CHARACTERISTICS OF A CANARD-BOMBER CONFIGURATION HAVING A VERY THIN WING AND A SLENDER ELLIPTICAL FUSELAGE,
N66-33336 1A S04 19 HC$ 1.00 MF$ 0.50

SOME CONSIDERATIONS REGARDING THE APPLICATION OF THE SUPERSONIC AREA RULE TO THE DESIGN OF AIRPLANE FUSELAGES,
N66-34080 1C S04 19 HC$ 2.00 MF$ 0.50

F- 1 ROCKET ENGINE
PHOTOGRAPHIC INVESTIGATION OF PROPELLANT STREAM BEHAVIOR IN A FIRING ROCKET ENGINE, VOLUME I TECHNICAL SUMMARY REPORT, 1 AUG. 1964 - 28 FEB. 1966.
N66-34042 21H S04 19 HC$ 3.00 MF$ 0.75

F- 86 AIRCRAFT
A SUMMARY OF RESULTS OBTAINED DURING FLIGHT SIMULATION OF SEVERAL AIRCRAFT PROTOTYPES WITH VARIABLE-STABILITY AIRPLANES.
N66-34081 1B S04 19 HC$ 2.50 MF$ 0.75

F-104 AIRCRAFT
FLIGHT TESTS OF A WIDE-ANGLE, INDIRECT OPTICAL VIEWING SYSTEM IN A HIGH- PERFORMANCE JET AIRCRAFT.
N66-35800 5H S04 23 HC$ 2.00 MF$ 0.50

GALACTIC EVOLUTION
STELLAR EVOLUTION - A SURVEY WITH ANALYTIC MODELS.
N66-33425 3B S04 19 HC$ 4.00 MF$ 1.00

GALAXIES, EXTRATERRESTRIAL RADIO WAVES
THE PHYSICAL CHARACTERISTICS AND DISTRIBUTION IN SPACE OF GALAXIES THE CHARACTERISTICS OF THE SUPERGIANT D GALAXIES .
AD-641 608 3B T66 24 HC$ 1.00 MF$ 0.50

GALVANIC CELL
FLIGHT TYPE OXYGEN PARTIAL PRESSURE SENSOR,
N66-33459 6B S04 19 HC$ 2.00 MF$ 0.50

GAME THEORY, ANALYSIS
A PARTIAL ANALYSIS OF GO,
AD-641 727 12A T66 24

GAME THEORY, MANAGEMENT ENGINEERING
SOME EFFECTS ON BUSINESS GAMING OF PREVIOUS QUASI-T GROUP AFFILIATIONS,
AD-641 652 5A T66 24 HC$ 1.00 MF$ 0.50

GAME THEORY, SET THEORY
MINIMAL SEPARATING COLLECTIONS,
AD-641 460 12A T66 24 HC$ 1.00 MF$ 0.50

GAMMA COUNTERS, IONIZATION CHAMBERS
CONTRIBUTION A LA MESURE PRECISE DE L ACTIVITE DE SOURCES NON PONCTUELLES AU MOYEN DE LA CHAMBRE D IONISATION A PUITS (CONTRIBUTION TO THE PRECISE MEASUREMENT OF THE ACTIVITY OF NON-POINT SOURCES BY THE USE OF THE WELL-TYPE IONISATION CHAMBER),
PB-173 388 18D U41 24 HC$ 5.00 MF$ 1.00

GAMMA EMISSION, ANISOTROPY
REALISATION D UN APPAREIL POUR DES MESURES D ORIENTATION NUCLEAIRE A BASSE TEMPERATURE. APPLICATION A L ALLIAGE NEODYME-COBALT (CONSTRUCTION OF AN APPARATUS FOR NUCLEAR ORIENTATION MEASUREMENTS AT LOW TEMPERATURES. APPLICATION TO NEODYMIUM-COBALT ALLOY).
PB-173 400 20L U41 24 HC$ 3.00 MF$ 0.75

GAMMA EMISSION, CORRELATION TECHNIQUES
CORRELATIONS DIRECTIONNELLES ELECTRON-GAMMA (ELECTRON-GAMMA DIRECTIONAL CORRELATIONS),
PB-173 401 20H U41 24 HC$ 3.00 MF$ 0.75

GAMMA EMISSION, INELASTIC SCATTERING
COMPOUND INELASTIC NUCLEON AND GAMMA-RAY ANGULAR DISTRIBUTIONS FOR EVEN-AND ODD-MASS NUCLEI,
AD-641 536 20H T66 24

GAMMA RADIATION
FEASIBILITY STUDY FOR AN X-RAY BACKSCATTER FREE AIR DENSITY SENSOR,
N66-38688 14B S04 23 HC$ 3.00 MF$ 1.00

TEMPERATURE DEPENDENCE OF THE RESPONSE OF LITHIUM-DRIFTED GERMANIUM DETECTORS TO GAMMA RAYS.
N66-38713 18D S04 23 HC$ 3.00 MF$ 0.75

GAMMA RAY CROSS SECTIONS, MEASUREMENT
GAMMA RAYS RESULTING FROM INTERACTIONS OF 14.7 MEV NEUTRONS WITH MAGNESIUM, ALUMINUM, CALCIUM, TITANIUM AND IRON,
AD-467 464 20H U41 24 HC$ 4.60 MF$ 0.50

AD-467 464 20H U41 24 HC$ 4.60 MF$ 0.50

GAMMA RAYS, COSMIC RAYS
THE PRODUCTION OF COSMIC GAMMA RAYS IN INTERSTELLAR AND INTERGALACTIC COSMIC-RAY COLLISIONS. I. THE KINEMATICS OF P-P INTERACTIONS AND SECONDARY MESON AND HYPERON DECAY AND THE COSMIC GAMMA-RAY SPECTRAL SOURCE FUNCTION,
PB-173 444 3B U41 24 HC$ 3.00 MF$ 0.75

GAMMA RAYS, DOSE RATE
MAGNA, A MULTI-SOURCE GAMMA SHIELDING PROGRAMME,
PB-173 478 18F U41 24 HC$ 3.00 MF$ 0.75

GAMMA RAYS, MOSSBAUER EFFECT
RELAXATION NARROWING OF MOSSBAUER GAMMA RAYS,
AD-641 764 20H T66 24

GAMMA RAYS, SHIELDING
A COMPUTER CODE FOR ESTIMATING THE PROTECTION OFFERED BY SHIPS AGAINST FALLOUT, BASE SURGE, OR WATER POOL RADIATION,
AD-641 664 13J T66 24 HC$ 2.00 MF$ 0.50

GARNET, NUCLEAR MAGNETIC RESONANCE
27AL AND 89Y NUCLEAR MAGNETIC RESONANCE IN YTTRIUM-ALUMINUM GARNET,
AD-641 772 20L T66 24

GAS ANALYSIS, ATMOSPHERE
STUDY OF MAN DURING A 56-DAY EXPOSURE TO AN OXYGEN-HELIUM ATMOSPHERE AT 258 MM. HG TOTAL PRESSURE. II. MAJOR AND MINOR ATMOSPHERIC COMPONENTS,
AD-641 819 6S T66 24

GAS CHROMATOGRAPHY
PULSED GAS CHROMATOGRAPHIC SEPARATION FINAL REPORT,
N66-38086 7A S04 23 HC$ 4.00 MF$ 1.00

GAS DISCHARGES, RECOMBINATION REACTIONS
MISSION ORIENTED INVESTIGATION AND EXPERIMENTATION - GASEOUS DISCHARGE.
AD-456 624 20I U41 24 HC$ 1.00

GAS FLOW
A STUDY OF SECONDARY INJECTION OF GASES INTO A SUPERSONIC FLOW,
N66-32724 20D S04 19 HC$ 2.50 MF$ 0.75

MEASUREMENTS OF THE INTENSITY OF TURBULENCE IN A GAS FLOW BY THE THERMOELECTRIC METHOD.

N66-33686 20D S04 19 HC$ 1.00 MF$ 0.50

NONSTEADY LIQUID AND GAS FLOW WITH HEAT ADDITION AND SHOCK PERTURBATIONS.
N66-39748 20D S04 23 HC$ 2.50 MF$ 0.75

GAS FLOW, PARTIAL DIFFERENTIAL EQUATIONS
GENERAL THEORY OF SIMPLE WAVES IN RELAXATION HYDRODYNAMICS,
AD-641 441 20D T66 24

GAS FLOW, SHOCK TUBES
FLOW MODES IN ELECTRIC SHOCK TUBES,
AD-641 715 20D T66 24

GAS GUN
THE DEVELOPMENT OF AN EXPLOSIVELY DRIVEN HYPERVELOCITY GAS GUN FINAL REPORT.
N66-32788 14B S04 19 HC$ 2.50 MF$ 0.75

GAS IONIZATION, ELECTRICAL CORONA
AN AERODYNAMIC STUDY OF THE ELECTRIC WIND ,
AD-134 400 20I U41 24 HC$ 4.60

GAS IONIZATION, ENERGY CONVERSION
CONTRIBUTION A L ETUDE SUR UN NOUVEL EFFET DE CONVERSION D ENERGIE IONISANTE EN ELECTRICITE (CONTRIBUTION TO THE STUDY OF A NEW IONISING-ENERGY CONVERSION EFFECT IN ELECTRICITY).
PB-173 382 10A U41 24 HC$ 3.00 MF$ 0.75

GAS IONIZATION, KINETIC ENERGY
KINETIC ENERGY DISTRIBUTION OF NEGATIVE IONS FORMED BY DISSOCIATIVE ATTACHMENT AND THE MEASUREMENT OF THE ELECTRON AFFINITY OF OXYGEN.
AD-641 848 7D T66 24 HC$ 2.00 MF$ 0.50

GAS JET
A THEORETICAL AND EXPERIMENTAL INVESTIGATION OF SECONDARY JETS IN A MACH 6 FREE STREAM WITH EMPHASIS ON THE STRUCTURE OF THE JET AND SEPARATION AHEAD OF THE JET.
N66-32721 20D S04 19 HC$ 2.00 MF$ 0.50

GAS LASER
REVIEW OF THE PRESENT SITUATION ON LASER RESEARCH.
N66-33688 20E S04 19 HC$ 2.00 MF$ 0.50

GAS MIXTURE
HEAT CONDUCTIVITY OF POLYATOMIC AND POLAR GASES AND GAS MIXTURES.
N66-33184 20H S04 19 HC$ 3.00 MF$ 0.75

GAS STREAM
SOME CHEMICAL ASPECTS OF UPPER-ATMOSPHERE RESEARCH.
N66-33418 4A S04 19 HC$ 1.00 MF$ 0.50

GAS TRANSPORT
COLLISION INTEGRALS FOR THE EXPONENTIAL ATTRACTIVE POTENTIAL.
N66-33415 20H S04 19 HC$ 1.00 MF$ 0.50

EVALUATION OF HIGH-TEMPERATURE GAS TRANSPORT PROPERTIES FINAL SUMMARY REPORT.
N66-39145 20H S04 23 HC$ 3.00 MF$ 1.00

GAS TURBINE
SUPERSONIC TRANSPORT LUBRICATION SYSTEM INVESTIGATION THIRD SEMIANNUAL REPORT, 1 NOV. 1965 - 1 MAY 1966.
N66-32922 13I S04 19 HC$ 3.00 MF$ 1.00

GASEOUS ROCKET PROPELLANTS, COMBUSTION
HIGH FREQUENCY COMBUSTION PRESSURE OSCILLATIONS IN MOTORS BURNING GASEOUS PROPELLANTS.
AD-478 023 21H U41 24 HC$ 3.00 MF$ 0.75

GASES, DIFFUSION
SHOCKTUBE STUDIES OF GAS-LIQUID REACTIONS AND OF GAS-PHASE DIFFUSION.
AD-641 435 20D T66 24 HC$ 4.00 MF$ 1.00

GASES, EXCITATION
POPULATION INVERSION IN ADIABATIC EXPANSION OF A GAS MIXTURE.
AD-641 863 7D T66 24 HC$ 1.00 MF$ 0.50

GELS, RHEOLOGY
AN INVESTIGATION OF THE RHEOLOGY OF GELS,
AD-641 484 20D T66 24 HC$ 1.00 MF$ 0.50

GEMINI SPACECRAFT
THE EFFECTS OF A GEMINI LEFT-HAND WINDOW ON EXPERIMENTS REQUIRING ACCURACY IN SIGHTING OR RESOLUTION.
N66-39142 20F S04 23 HC$ 2.00 MF$ 0.50

GENETIC CODE
PRESENT STATUS OF THE AMINO ACID CODE.
N66-33376 6A S04 19 HC$ 1.00 MF$ 0.50

GEOCHEMISTRY
STUDIES OF THE SOLAR SYSTEM AND PROBABLE LUNAR ABUNDANCES OF ELEMENTS OF GEOCHEMICAL AND METALLURGICAL SIGNIFICANCE STATUS REPORT.
N66-38709 3B S04 23 HC$ 2.00 MF$ 0.50

GEODESICS, GRAVITY
RESEARCH IN GEODETIC GRAVIMETRY,
AD-641 753 8E T66 24 HC$ 4.00 MF$ 1.00

GEODESICS, PHOTOGRAMMETRY
SPATIAL TRIANGULATION BY MEANS OF PHOTOGRAMMETRY,
AD-641 342 8E T66 24 HC$ 8.60 MF$ 0.75

GEODESICS, PROGRAMMING(COMPUTERS)
THE PREPARATION OF A THEODOLITE PROBLEM FOR LARGE SCALE COMPUTING MACHINES.
AD-641 963 8E T66 24 HC$ 1.00 MF$ 0.50

GEODESICS, VECTOR ANALYSIS
AN ALTERNATE SOLUTION FOR THE INTERSECTION PROBLEM.
AD-641 979 8E T66 24 HC$ 1.10 MF$ 0.50

GEOELECTRICITY
REPORT OF THE KAKIOKA MAGNETIC OBSERVATORY, GEOELECTRICITY, KANOYA, 1957-1959.
N66-33774 8N S04 19 HC$ 3.75 MF$ 1.50

GEOGRAPHY
SPACE PHOTOGRAPHY FOR THE GEOGRAPHICAL STUDY OF THE EARTH.
N66-33765 8B S04 19 HC$ 2.00 MF$ 0.50

GEOLOGY
USE OF ORBITAL RADARS FOR GEOSCIENCE INVESTIGATIONS.
N66-32758 8B S04 19 HC$ 2.00 MF$ 0.50

ON THE EARLY HISTORY OF THE EARTH.
N66-33177 8G S04 19 HC$ 3.00 MF$ 0.50

GEOLOGY, BRAZIL
GEOLOGY AND GEOMORPHOLOGY OF THE COASTAL PLAIN RIO GRANDE DO SUL, BRAZIL AND NORTHERN URGUAY.
AD-641 402 8B T66 24 HC$ 3.00 MF$ 0.75

GEOMAGNETIC FIELD
GEOMAGNETISM, MEMAMBETSU 1968.
N66-33708 8N S04 19 HC$ 4.00 MF$ 1.00

GEOMAGNETIC STORM
SOLAR ACTIVITY CATALOGUE. VOLUME I - CATALOGUE OF SOLAR ACTIVITY DURING 1954 - 1956.
N66-33431 4A S04 19 HC$ 5.00 MF$ 1.25

GEOMAGNETIC DISTURBANCES.
N66-38364 4A S04 23 HC$ 2.00 MF$ 0.50

SOLAR FLARE HAZARD TO EARTH-ORBITING VEHICLES FINAL REPORT.
N66-38758 20H S04 23 HC$ 2.00 MF$ 0.50

GEOMAGNETISM
ALTERNATING FIELD DEMAGNETIZATION STUDY ON LOWER SINIAN SANDSTONES IN XIUNING HSIUNING DISTRICT, ANHUI ANHWEI PROVINCE.
N66-38177 8E S04 23 HC$ 1.00 MF$ 0.50

GEOMETRIC FACTOR
SUPERSONIC INVESTIGATION OF EFFECTS OF CONFIGURATION GEOMETRY ON PRESSURE-COEFFICIENT AND SECTION NORMAL-FORCE-COEFFICIENT DISTRIBUTIONS FOR A TWO-STAGE LAUNCH VEHICLE.
N66-33451 1A S04 19 HC$ 2.00 MF$ 0.50

GEOPHYSICS
LUNAR GEOPHYSICAL SURFACE AND SUBSURFACE PROBES FOR APOLLO APPLICATIONS PROGRAM - VOLUME I - DETAILED TECHNICAL REPORT FINAL REPORT.
N66-32960 22A S04 19 HC$ 4.66 MF$ 2.50

PROJECT MIAM INFORMAL REPORT, DEC. 1965 - MAY 1966.
N66-33437 1B S04 19 HC$ 1.00 MF$ 0.50

GEORGIA, RESEARCH PROGRAM ADMINISTRATION
THE HARDENING OF ASPHALT IN HOT BITUMINOUS MIXES DURING THE HAULING PROCESS.
PB-173 411 13C U41 24 HC$ 3.00 MF$ 0.75

GERMANIUM
ANNEALING OF NEUTRON-IRRADIATION-INDUCED CHANGES IN IMPURITY CONDUCTION IN ANTIMONY- DOPED GERMANIUM.
N66-33386 20L S04 19 HC$ 1.00 MF$ 0.50

PHOTOVOLTAIC EFFECT AND UTILIZATION OF PHOTOVOLTAIC CELLS - EFFECT OF SUB-THRESHOLD ELECTRON RADIATION ON SURFACE PROPERTIES OF GE P-V CELLS SECOND SEMIANNUAL REPORT, 1 NOV. 1965 - 31 MAY 1966.
N66-33388 10A S04 19 HC$ 2.00 MF$ 0.50

TEMPERATURE DEPENDENCE OF THE RESPONSE OF LITHIUM-DRIFTED GERMANIUM DETECTORS TO GAMMA RAYS.
N66-38713 18D S04 23 HC$ 3.00 MF$ 0.75

GERMANIUM, ABSORPTION
INFRARED ABSORPTION OF UNIAXIALLY STRESSED GERMANIUM.
AD-641 522 20L T66 24

GERMANIUM, OPTICAL PROPERTIES
POLARIZATION DEPENDENCE OF THE INDIRECT PIEZOABSORPTION COEFFICIENT IN GE AND SI.
AD-641 523 20L T66 24

GERMANY
STATUS AND SPECIAL PROBLEMS OF THE GERMAN CIVIL AVIATION. SPECIAL PROBLEMS OF THE INTERNATIONAL ECONOMIC COOPERATION IN THE AVIATION FIELD IN PARTICULAR RESPECT TO DEVELOPING NATIONS.
N66-34037 5C S04 19 HC$ 2.00 MF$ 0.50

GERM-FREE ANIMALS, LYMPHOCYTES
LYMPHOCYTOPOIESIS, PLASMACYTOPOIESIS AND CELLULAR PROLIFERATION IN NONANTIGENICALLY STIMULATED GERMFREE MICE.
AD-641 835 6E T66 24

GERM-FREE ANIMALS, SALMONELLA
CELLULAR AND HUMORAL IMMUNE RESPONSE OF GERMFREE MICE STIMULATED WITH 7S HGG OR SALMONELLA TYPHIMURIUM.
AD-641 836 6E T66 24

GLASS
IDENTIFICATION OF UNCOMMON NON-CRYSTALLINE SOLIDS AS REA GLASSES.
N66-33185 11B S04 19 MC$ 1.00 MF$ 0.50

INITIATION OF FAILURE MECHANISMS IN GLASS- RESIN COMPOSITES.
N66-33464 11D S04 19 MC$ 3.00 MF$ 0.75

AN EVALUATION OF A BAKEOUT PROCEDURE FOR SMALL GLASS ULTRAHIGH VACUUM SYSTEMS.
N66-34048 13H S04 19 MC$ 1.00 MF$ 0.50

GLASS FIBER
PRECISION WINDING OF CYLINDRICAL COMPOSITES WITH SHAPED GLASS FILAMENTS.
N66-32958 13H S04 19 MC$ 2.00 MF$ 0.50

GLASS TEXTILES, REINFORCING MATERIALS
HOLLOW GLASS FIBER REINFORCED LAMINATES.
AD-451 684 11I U41 24 MC$ 5.00

GLASS TEXTILES, SURFACE PROPERTIES
MECHANISMS OF ATTACK ON GLASSES IN AQUEOUS MEDIA.
AD-641 580 11B T66 24 MC$ 3.00 MF$ 0.75

GLOBAL COMMUNICATION SYSTEMS, NAVIGATION
AIRBORNE OMEGA RECEIVER.
AD-481 367 17B U41 24 MC$ 2.00 MF$ 0.50

GLUCOSE
CHANGES IN APPETITE FOR WATER, GLUCOSE, SODIUM, AND POTASSIUM IN RATS WHEN THE SODIUM PUMP IS INHIBITED BY STROPHANTHIN- K.
N66-33764 6C S04 19 MC$ 1.00 MF$ 0.50

GLUCOSE, BLOOD
EFFECTS OF HYDRAZINE ON FAT TRANSPORT AS AFFECTED BY BLOOD GLUCOSE CONCENTRATION.
AD-641 826 6A T66 24

GLYCOLYSIS, MUSCULOSKELETAL SYSTEM
REGULATION OF GLYCOLYSIS IN TETANIZED CAT SKELETAL MUSCLE IN SITU.
AD-641 573 6A T66 24 MC$ 1.00 MF$ 0.50

GOLD ALLOYS, INTERNAL FRICTION
AN INTERNAL FRICTION STUDY OF VACANCIES IN A QUENCHED AU-NI SOLID SOLUTION.
AD-641 785 11F T66 24

GOVERNMENT PROCUREMENT, COMMERCE
IDENTICAL BIDDING IN PUBLIC PROCUREMENT.
AD-641 890 15E T66 24 MF$ 1.25

GRAPH
ON DIAMETERS OF GRAPHS AND DIGRAPHS.
N66-34079 12A S04 19 MC$ 2.00 MF$ 0.50

GRAPHICS, DATA PROCESSING SYSTEMS
GRAPHICAL-DATA-PROCESSING RESEARCH STUDY AND EXPERIMENTAL INVESTIGATION.
AD-641 647 9B T66 24 MC$ 3.00 MF$ 0.50

GRAPHICS, X-RAY DIFFRACTION ANALYSIS
ON THE CURVES IN THE GRENINGER AND LEONHARDT NETS.
AD-641 483 20B T66 24

GRAPHITE
THE EFFECT OF DEFECTS ON THE BASAL PLANE THERMAL CONDUCTIVITY OF A GRAPHITE CRYSTAL. PART I - THEORY.
N66-33110 18K S04 19 MC$ 1.00 MF$ 0.50

GRAPHITE-METAL COMPOSITES FINAL REPORT, 1 AUG. 1965 - 31 JUL. 1966.
N66-34066 13H S04 19 MC$ 4.00 MF$ 0.75

THE EFFECT OF DEFECTS ON THE BASAL PLANE THERMAL CONDUCTIVITY OF A GRAPHITE CRYSTAL. PART 2 - COMPARISON OF THE THEORY OF POINT DEFECT SCATTERING WITH CHANGES OF CONDUCTIVITY INDUCED BY FAST NEUTRON IRRADIATION. PART 3 - TEST OF THE THEORY OF GRAIN BOUNDARY SCATTERING.
N66-37785 20B S04 23 MC$ 1.00 MF$ 0.50

GRAVITATIONAL FIELD
SELECTION OF PARAMETERS FOR A DYNAMIC SYSTEM UNIVERSAL FOR A GIVEN GROUP OF MANEUVERS.
N66-33696 22A S04 19 MC$ 1.00 MF$ 0.50

THE DRIFT OF AN INCLINED-ORBIT 24-HOUR SATELLITE IN AN EARTH GRAVITY FIELD THROUGH FOURTH ORDER.
N66-33968 22C S04 19 MC$ 2.50 MF$ 0.75

ERROR ANALYSIS OF A WEIGHTED LEAST SQUARES PROCESS TO DETERMINE THE LUNAR GRAVITATIONAL FIELD.
N66-35141 3B S04 23 MC$ 2.00 MF$ 0.50

GRAVITATIONAL POTENTIAL
THE GRAVITY POTENTIAL AND FORCE FIELD OF THE EARTH THROUGH FOURTH ORDER.
N66-33703 4A S04 19 MC$ 2.50 MF$ 0.75

GRAVITY, EARTH
THE EVEN ZONAL HARMONICS OF THE EARTH S GRAVITATIONAL POTENTIAL.
AD-466 587 8N U41 24 MC$ 1.00 MF$ 0.50

GRAVITY, FLUIDS
ROTATING FLUID MASSES IN GENERAL RELATIVITY.
AD-641 681 20D T66 24

GRAVITY, GEODESICS
RESEARCH IN GEODETIC GRAVIMETRY.
AD-641 753 8E T66 24 MC$ 4.00 MF$ 1.00

GRAVITY, RELATIVITY THEORY
10 EXACT GRAVITATIONALLY-CONSERVED QUANTITIES.
AD-641 682 20J T66 24

GRAVITY, SYMPOSIA
THE CONFERENCE ON GRAVITY IN TIFLIS.
AD-641 755 3C T66 24 MC$ 1.00 MF$ 0.50

GREEN S FUNCTION, FIELD THEORY
OPERATOR AND GENERALIZED GAUGE TRANSFORMATIONS IN QUANTUM ELECTRODYNAMICS.
AD-641 616 20J T66 24

GROUND CREW
A STUDY OF POTENTIAL ROLES OF SUPERSONIC TRANSPORT CREWS AND SOME IMPLICATIONS FOR THE FLIGHT DECK. VOLUME II - FEASIBLE AUTOMATED AND MANUAL IMPLEMENTATION CONCEPTS FOR SST ACTIVITIES AND FUNCTIONS, FINAL REPORT.
N66-38751 5H S04 23 MC$ 6.00 MF$ 3.00

GROUND EFFECT
GROUND EFFECTS RELATED TO LANDING OF AIRPLANES WITH LOW-ASPECT-RATIO WINGS.
N66-38138 1B S04 23 MC$ 1.00 MF$ 0.50

GROUND EFFECT MACHINES, FLUID DYNAMIC PROPERTIES
THE DYNAMIC PRESSURE TRACE AT THE SEA BOTTOM CREATED BY A GROUND EFFECT MACHINE.
AD-641 372 13J T66 24 MC$ 3.00 MF$ 0.50

GROUND STATE
DIFFERENT SCREENING CONSTANTS FOR DIFFERENT PHYSICAL PROPERTIES, I.
N66-33380 20J S04 19 MC$ 2.00 MF$ 0.50

SOME REMARKS ON THE USE OF THE VARIATIONAL PRINCIPLE FOR THE SECOND ORDER ENERGY.
N66-33420 20J S04 19 MC$ 1.00 MF$ 0.50

GROUND TEST
GROUND TEST SIMULATION OF LIFT-OFF AND TRANSONIC VIBRATION EXCITATION MECHANISMS ON THE RANGER SPACECRAFT.
N66-37642 22B S04 23 MC$ 1.00 MF$ 0.50

GROUP DYNAMICS, BARGAINING
EFFECTS ON THE SUBSEQUENT PERFORMANCE OF NEGOTIATORS OF STUDYING ISSUES OR PLANNING STRATEGIES ALONE OR IN GROUPS.
AD-641 385 5J T66 24

GROUP DYNAMICS, BEHAVIOR
SHIFTING AGREEMENT AND DISAGREEMENT IN DYADS UNDER CONDITIONS OF PERCEIVED DIFFERENCES IN TASK COMPETENCE.
AD-641 675 5J T66 24 MC$ 1.00 MF$ 0.50

GROUP DYNAMICS, TRAINING
SOME EFFECTS ON BUSINESS GAMING OF PREVIOUS QUASI-T GROUP AFFILIATIONS.
AD-641 652 5A T66 24 MC$ 1.00 MF$ 0.50

GROUP THEORY
AN APPLICATION OF GROUP THEORY TO THE NUMERICAL INTEGRATION OF THE EQUATIONS OF MOTION OF A CONSERVATIVE DYNAMICAL SYSTEM.
N66-33573 12A S04 19 MC$ 2.00 MF$ 0.50

GROUPS(MATHEMATICS), ALGEBRAIC TOPOLOGY
A REMARK ON MORSE THEORY.
AD-641 870 12A T66 24

GROUPS(MATHEMATICS), RELATIVITY THEORY
NOTE ON THE BONDI-METZNER-SACHS GROUP.
AD-641 680 20J T66 24

GROUPS(MATHEMATICS), SERIES
A THEOREM OF LITTLEWOOD AND LACUNARY SERIES FOR COMPACT GROUPS.
AD-641 466 12A T66 24

GROUPS(MATHEMATICS), THEORY
FINAL TECHNICAL REPORT, JULY 1, 1965 TO JUNE 30, 1966.
AD-641 853 12A T66 24 MC$ 1.00 MF$ 0.50

GUIDANCE
VISUAL SIMULATION OF LUNAR ORBIT ESTABLISHMENT USING A SIMPLIFIED GUIDANCE TECHNIQUE.
N66-33448 17G S04 19 MC$ 2.00 MF$ 0.50

GUIDANCE SYSTEM
A SUPERCIRCULAR ENTRY GUIDANCE CONCEPT DESIGNED FOR MAXIMUM MONITORING CAPABILITY.
N66-37682 22C S04 23 MC$ 2.00 MF$ 0.50

GUIDED MISSILE COMPONENTS, RELIABILITY
SAFETY MARGINS AND ULTIMATE RELIABILITY.
AD-641 495 14D T66 24 MC$ 1.00 MF$ 0.50

GUIDED MISSILE RANGES, ATMOSPHERIC MOTION
THE RICHARDSON NUMBER IN THE PLANETARY BOUNDARY LAYER.
AD-641 560 4B T66 24 MC$ 2.00 MF$ 0.50

GUIDED MISSILE TRAJECTORIES, DATA
TRAJECTORY DATA OBTAINABLE FROM DOVAP REDUCTIONS AT THE FIRING LOCATION.
AD-641 982 16B T66 24 MC$ 2.00 MF$ 0.50

GYROSCOPE
A SYSTEM FOR INERTIAL EXPERIMENT POINTING AND ATTITUDE

CONTROL.
N66-32957 17G S04 19 HC$ 2.50 MF$ 0.75

AN EVALUATION OF THE OPTICAL MASER PHOTON RATE GYROSCOPE.
N66-33411 20E S04 19 HC$ 2.00 MF$ 0.50

RESEARCH RELATED TO AN EXPERIMENTAL TEST OF GENERAL RELATIVITY SEMIANNUAL STATUS REPORT, 1 JAN. - 30 JUN. 1966.
N66-34067 20J S04 19 HC$ 2.00 MF$ 0.50

GYROSCOPES, NAVIGATIONAL AIDS
NOTES ON THE FUNDAMENTAL PROBLEMS INVOLVED IN DETERMINING TRUE NORTH BY GYROSCOPIC METHODS.
AD-455 274 17G U41 24 HC$ 1.00

HAFNIUM, CAPACITORS
CAPACITOR CHARACTERISTICS OF ANODIZED THIN-FILM HAFNIUM.
AD-641 338 9A T66 24 HC$ 2.00 MF$ 0.50

HALF-CONE
STATIC STABILITY CHARACTERISTICS OF CONE AND HALF-CONE-PYRAMID CONFIGURATIONS AT MACH 6.83.
N66-33453 1A S04 19 HC$ 2.00 MF$ 0.50

HALOGENATED HYDROCARBONS, POLYMERS
FLUOROAROMATIC POLYMERS. PERFLUORO-P-TERPHENYL, QUATERPHENYL AND QUINQUEPHENYL.
AD-449 913 7D U41 24 HC$ 1.60

FLUOROAROMATIC POLYMERS. PERFLUORO-P-TERPHENYL, -QUATERPHENYL AND -QUINQUEPHENYL.
AD-449 913 7C U41 24 HC$ 1.60

HAMMERHEAD CONFIGURATION
A WIND-TUNNEL INVESTIGATION OF THE DYNAMIC STABILITY OF AXISYMMETRIC MODELS WITH HAMMERHEAD NOSES IN TRANSONIC FLOW.
N66-35365 1A S04 23 HC$ 2.00 MF$ 0.50

HANDBOOK
ELECTRICAL REFERENCE HANDBOOK, LAUNCH EQUIPMENT BRANCH ELECTRICAL SUPPORT EQUIPMENT LC-39, VOLUME I.
N66-33865 22D S04 19 HC$ 7.00 MF$ 1.75

GUIDE TO THE PROCESSING, STORAGE, AND RETRIEVAL OF BIBLIOGRAPHIC INFORMATION AT THE NASA SCIENTIFIC AND TECHNICAL INFORMATION FACILITY.
N66-34085 5B S04 19 HC$ 3.25 MF$ 1.00

HANDBOOKS, ASTRONAUTICS
A COMPREHENSIVE MAP OF THE SPACE RADIATION ENVIRONMENT.
AD-641 509 3B T66 24 HC$ 6.00 MF$ 1.50

HANDLING QUALITY
VALIDATION OF A RESEARCH SIMULATOR FOR INVESTIGATING JET TRANSPORT HANDLING QUALITIES AND AIRWORTHINESS CRITERIA DURING TAKEOFF.
N66-33747 14B S04 23 HC$ 2.50 MF$ 0.50

INFLIGHT AND GROUND-BASED SIMULATION OF HANDLING QUALITIES OF VERY LARGE AIRPLANES IN LANDING APPROACH.
N66-33805 1B S04 23 HC$ 2.50 MF$ 0.75

HARDNESS, SNOW
REEVALUATION OF THE RAMMSONDE HARDNESS EQUATION.
AD-641 482 8L T66 24 HC$ 1.00 MF$ 0.50

HARMONIC FUNCTION
ONE NON-LINEAR PROBLEM WITH A FREE BOUNDARY.
N66-33680 12A S04 19 HC$ 1.00 MF$ 0.50

HARTREE-FOCK APPROXIMATION, PERTURBATION THEORY
APPROXIMATIONS TO HARTREE-FOCK PERTURBATION THEORY.
AD-641 485 7D T66 24

HEAT EXCHANGERS, DESIGN
INVESTIGATE ADVANCED HEAT EXCHANGER DESIGNS OF COMPACT HEAT EXCHANGERS WHEN OPERATIVE IN A MARINE ENVIRONMENT.
AD-489 439 13A U41 24 HC$ 2.00 MF$ 0.50

HEAT EXCHANGERS, LIQUID METALS
THE EVALUATION OF A LIQUID METAL REGENERATOR FOR A 3750 HP TURBOPROP ENGINE.
AD-407 471 21E U41 24 HC$ 10.60

HEAT FLUX
EXPERIMENTAL TRANSIENT THREE-DIMENSIONAL HEAT TRANSFER ANALYSIS.
N66-32715 20M S04 19 HC$ 2.50 MF$ 0.75

HEAT-TRANSFER ANALYSIS OF THE PLUM BROOK REACTOR.
N66-33973 18I S04 19 HC$ 2.00 MF$ 0.50

BUOYANCY EFFECTS ON CRITICAL HEAT FLUX OF FORCED CONVECTIVE BOILING IN VERTICAL FLOW.
N66-35143 20M S04 23 HC$ 1.00 MF$ 0.50

HEAT GAIN
NONSTEADY LIQUID AND GAS FLOW WITH HEAT ADDITION AND SHOCK PERTURBATIONS.
N66-33748 20D S04 23 HC$ 2.50 MF$ 0.75

HEAT RESISTANCE
HEAT-RESISTANT CHROMIUM CARBIDE COATING WITH A SILICATE BINDER.
N66-33690 11F S04 19 HC$ 1.00 MF$ 0.50

HEAT SHIELD
STUDY OF HEAT SHIELDING REQUIREMENTS FOR MANNED MARS LANDING AND RETURN MISSIONS FINAL REPORT.
N66-32717 20M S04 19 HC$ 3.00 MF$ 0.75

PRELIMINARY EVALUATION OF A NUMBER OF ABLATIVE HEAT-SHIELD MATERIALS EXPOSED TO COMBINED RADIATIVE AND CONVECTIVE HEATING.
N66-33307 20M S04 19 HC$ 3.00 MF$ 0.75

HEAT TRANSFER
HEAT TRANSFER ACROSS SURFACES IN CONTACT - PRACTICAL EFFECTS OF TRANSIENT TEMPERATURE AND PRESSURE ENVIRONMENTS SEMIANNUAL REPORT, 1 OCT. 1965 - 1 APR. 1966.
N66-32762 20M S04 19 HC$ 2.00 MF$ 0.50

HEAT CONDUCTIVITY OF POLYATOMIC AND POLAR GASES AND GAS MIXTURES.
N66-33184 20M S04 19 HC$ 3.00 MF$ 0.75

HEAT-TRANSFER AND PRESSURE DISTRIBUTIONS ON A FLAT-FACE ROUNDED-CORNER BODY OF REVOLUTION WITH AND WITHOUT A FLAP AT A MACH NUMBER OF 8.
N66-33334 20M S04 19 HC$ 2.50 MF$ 0.75

INVESTIGATION OF LITHIUM HYDRIDE AND MAGNESIUM AS HIGH-TEMPERATURE INTERNAL COOLANTS WITH SEVERAL SKIN MATERIALS.
N66-33335 20M S04 19 HC$ 1.00 MF$ 0.50

FEATURES OF FILM BOILING IN SURFACE WATER COOLING.
N66-33689 20M S04 19 HC$ 1.00 MF$ 0.50

HEAT TRANSFER IN THE NEIGHBORHOOD OF THE BLUNT LEADING EDGE OF A CYLINDRICAL WING DURING SLIP.
N66-33693 1A S04 19 HC$ 1.00 MF$ 0.50

HEAT-TRANSFER ANALYSIS OF THE PLUM BROOK REACTOR.
N66-33973 18I S04 19 HC$ 2.00 MF$ 0.50

EVALUATION OF SEVERAL SILICONE, PHENOLIC, AND EPOXY BASE HEAT-SHIELD MATERIALS AT VARIOUS HEAT-TRANSFER RATES AND DYNAMIC PRESSURES.
N66-38139 11I S04 23 HC$ 2.50 MF$ 0.75

THEORETICAL INVESTIGATION OF TURBULENT LIQUID-METAL HEAT TRANSFER IN CHANNELS WITH HEAT SOURCES IN THE FLUID.
N66-38801 20M S04 23 HC$ 2.50 MF$ 0.75

HEAT TRANSFER, ABSORPTION
EFFECT OF VOLUMETRIC ABSORPTION COEFFICIENT ON ROSSELAND RADIATIVE HEAT TRANSFER.
AD-641 954 20M T66 24 HC$ 1.00 MF$ 0.50

HEAT TRANSFER, CYLINDRICAL BODIES
HEAT TRANSFER THROUGH A HOLLOW CYLINDER SUBJECTED TO TEMPERATURE SHOCK.
AD-457 861 20M U41 24 HC$ 3.00

HEAT TREATMENT
A STUDY OF THE ADHESION AND COHESION OF METALS FOURTH QUARTERLY PROGRESS REPORT, 9 MAR. - 9 JUN. 1966.
N66-32795 11F S04 19 HC$ 1.00 MF$ 0.50

RESIDUAL STRESSES IN 17-4 PH STEEL.
N66-38498 11F S04 23 HC$ 2.50 MF$ 0.75

HEATING
EXPERIMENTAL INVESTIGATION OF BAFFLE EFFECTIVENESS IN A CONFINED FLUID SUBJECTED TO WALL AND NONUNIFORM SOURCE HEATING.
N66-33710 21I S04 19 HC$ 3.00 MF$ 0.75

HEAT-TRANSFER COEFFICIENT
DETERMINATION OF THE THERMAL CHARACTERISTICS OF A TWO-DIMENSIONAL LAMINAR BOUNDARY LAYER IN A COMPRESSIBLE GAS WITHOUT A LONGITUDINAL PRESSURE GRADIENT, IN THE VICINITY OF THE FORWARD STAGNATION POINT.
N66-33695 20M S04 19 HC$ 1.00 MF$ 0.50

HEAVY WATER COMPONENTS TEST REACTOR (HWCTR)
IMPLICATIONS OF EMBRITTLEMENT DURING THE LIFE OF A ZIRCONIUM PRESSURE TUBE REACTOR.
N66-37781 18I S04 23 HC$ 2.00 MF$ 0.50

HELICOPTER BLADES, FLUTTER
EXPERIMENTAL AND THEORETICAL INVESTIGATION OF THE FLUTTER CHARACTERISTICS OF A MODEL HELLICOPTER ROTOR BLADE IN FORWARD FLIGHT.
AD-275 107 1A U41 24 HC$ 7.60

HELICOPTERS, LOADING(MECHANICS)
A STRUCTURAL FLIGHT LOADS RECORDING PROGRAM ON CIVIL TRANSPORT HELICOPTERS.
AD-641 677 1C T66 24 HC$ 4.00 MF$ 0.75

HELIOCENTRICITY
THE BLUE HAZE OF MARS.
N66-33414 3B S04 19 HC$ 1.00 MF$ 0.50

HELIUM
SURFACE ADSORPTION IN MAGNESIUM OXIDE.
N66-33769 7B S04 19 HC$ 1.00 MF$ 0.50

MIXING AND HEAT TRANSFER OF AN ARGON ARCJET WITH A COAXIAL FLOW OF COLD HELIUM FINAL REPORT.
N66-37643 21C S04 23 HC$ 3.00 MF$ 0.75

CALCULATIONS OF ENERGY AND ANGULAR DISTRIBUTIONS OF ELECTRONS EJECTED FROM HELIUM BY 200- KE V AND 300- KE V PROTONS.
N66-38409 20M S04 23 HC$ 1.00 MF$ 0.50

HELIUM GROUP GASES, METABOLISM
EFFECT OF DIFFERENT INERT GASES AND LOW PRESSURE NORMOXIC ENVIRONMENTS ON OXYGEN UPTAKE IN MICE.
AD-641 569 6S T66 24 HC$ 1.00 MF$ 0.50

HELIUM, DEUTERON REACTIONS
DEUTERON ELASTIC SCATTERING FROM HE3 AND H3,
AD-641 998 20H T66 24

HELIUM, TOXICITY
THE STUDY OF MAN DURING A 56-DAY EXPOSURE TO AN OXYGEN-HELIUM ATMOSPHERE AT 258 MM. HG TOTAL PRESSURE. IX. NUTRITIONAL EVALUATION OF FEEDING BITE-SIZE FOODS.
AD-641 804 6S T66 24

STUDY OF MAN DURING A 56-DAY EXPOSURE TO AN OXYGEN-HELIUM ATMOSPHERE AT 258 MM. HG TOTAL PRESSURE. V. EXERCISE PERFORMANCE AND CARDIOVASCULAR RESPONSE,
AD-641 803 6S T66 24

STUDY OF MAN DURING A 56-DAY EXPOSURE TO AN OXYGEN-HELIUM ATMOSPHERE AT 258 MM. HG TOTAL PRESSURE. IV. SELECTED BLOOD ENZYME RESPONSE,
AD-641 805 6S T66 24

THE STUDY OF MAN DURING A 56-DAY EXPOSURE TO AN OXYGEN-HELIUM ATMOSPHERE AT 258 MM. HG TOTAL PRESSURE. XIII. BEHAVIOR FACTORS,
AD-641 807 6S T66 24

STUDY OF MAN DURING A 56-DAY EXPOSURE TO AN OXYGEN-HELIUM ATMOSPHERE AT 258 MM. HG TOTAL PRESSURE. XI. ORAL, CUTANEOUS, AND AEROSOL BACTERIOLOGIC EVALUATION,
AD-641 816 6S T66 24

STUDY OF MAN DURING A 56-DAY EXPOSURE TO AN OXYGEN-HELIUM ATMOSPHERE AT 258 MM. HG TOTAL PRESSURE. X. ENTERIC MICROBIAL FLORA,
AD-641 817 6S T66 24

STUDY OF MAN DURING A 56-DAY EXPOSURE TO AN OXYGEN-HELIUM ATMOSPHERE AT 258 MM. HG TOTAL PRESSURE. III. RENAL RESPONSE,
AD-641 815 6S T66 24

STUDY OF MAN DURING A 56-DAY EXPOSURE TO AN OXYGEN-HELIUM ATMOSPHERE AT 258 MM. HG TOTAL PRESSURE. II. MAJOR AND MINOR ATMOSPHERIC COMPONENTS,
AD-641 819 6S T66 24

STUDY OF MAN DURING A 56-DAY EXPOSURE TO AN OXYGEN-HELIUM ATMOSPHERE AT 258 MM. HG TOTAL PRESSURE. I. INTRODUCTION AND GENERAL EXPERIMENTAL DESIGN,
AD-641 820 6S T66 24

OBSERVATIONS ON MAN IN AN OXYGEN-HELIUM ENVIRONMENT AT 380 MM. HG TOTAL PRESSURE. III. HEAT EXCHANGE,
AD-641 827 6S T66 24

OBSERVATIONS ON MAN IN AN OXYGEN-HELIUM ENVIRONMENT AT 380 MM. HG TOTAL PRESSURE. II. RESPIRATORY,
AD-641 828 6S T66 24

THE STUDY OF MAN DURING A 56-DAY EXPOSURE TO AN OXYGEN-HELIUM ATMOSPHERE AT 258 MM HG TOTAL PRESSURE. VII. RESPIRATORY FUNCTION,
AD-641 829 6S T66 24

THE STUDY OF MAN DURING A 56-DAY EXPOSURE TO AN OXYGEN-HELIUM ATMOSPHERE AT 258 MM. HG TOTAL PRESSURE VIII. OBSERVATIONS ON FEEDING BITE-SIZE FOODS.
AD-641 830 6S T66 24

THE STUDY OF MAN DURING A 56-DAY EXPOSURE TO AN OXYGEN-HELIUM ATMOSPHERE AT 258 MM. HG. TOTAL PRESSURE. XII. CLINICAL OBSERVATIONS,
AD-641 953 6S T66 24

HIGH ENERGY INTERACTION
SEARCH FOR HIGH-ENERGY PHOTONS FROM DISCRETE SOURCES OF COSMIC RADIATION.
N66-33691 20H S04 19 HC$ 1.00 MF$ 0.50

HIGH ENERGY PROPELLANT
INVESTIGATION OF INJECTORS FOR A LOW-CHAMBER- PRESSURE HYDROGEN-FLUORINE ROCKET ENGINE.
N66-33333 21H S04 19 HC$ 2.00 MF$ 0.50

HIGH STRENGTH ALLOY
EVALUATION OF FASTENERS AND FASTENER MATERIALS FOR SPACE VEHICLES FINAL REPORT, NOV. 1963 - NOV. 1965.
N66-38104 13F S04 23 HC$ 7.85 MF$ 2.50

HIGH STRENGTH STEEL
EXPERIMENTAL X-RAY STRESS ANALYSIS PROCEDURES FOR ULTRA HIGH STRENGTH MATERIALS,
N66-33418 11F S04 19 HC$ 1.00 MF$ 0.50

HIGH TEMPERATURE FLUID
STUDIES OF STEEL CORROSION IN HIGH-TEMPERATURE WATER AND STEAM QUARTERLY REPORT NO. 14, 1 JAN. - 31 MAR. 1966.
N66-38644 11F S04 23 HC$ 4.00 MF$ 1.00

HIGH TEMPERATURE GAS
EVALUATION OF HIGH-TEMPERATURE GAS TRANSPORT PROPERTIES FINAL SUMMARY REPORT.
N66-38145 20H S04 23 HC$ 3.00 MF$ 1.00

HIGH TEMPERATURE MATERIAL
DEVELOPMENT AND EVALUATION OF MAGNETIC AND ELECTRICAL MATERIALS CAPABLE OF OPERATING IN THE 800 DEG TO 1600 DEG F TEMPERATURE RANGE THIRD QUARTERLY REPORT, 1 JUN. - 31 AUG. 1965.
N66-32924 13H S04 19 HC$ 3.75 MF$ 1.25

HIGH TEMPERATURE STABLE CARBORANE ADHESIVES SECOND QUARTERLY PROGRESS REPORT, MAR. 21 - JUN. 20, 1966,
N66-33493 11A S04 19 HC$ 2.00 MF$ 0.50

HIGH TEMPERATURE PROPELLANT
DEVELOPMENT OF A PROPORTIONAL TWO STAGE PRESSURE FEED BACK PNEUMATIC VALVE FOR 2000 DEG F SOLID PROPELLANT SYSTEMS REPORT, JUL. 6, 1965 - MAY 20, 1966.
N66-33494 13K S04 19 HC$ 3.00 MF$ 1.00

HIGH TEMPERATURE RESEARCH
INVESTIGATION OF MAGNETICALLY SOFT, HIGH-TEMPERATURE COBALT-IRON ALLOY,
N66-38750 11F S04 23 HC$ 1.00 MF$ 0.50

HISTORY
ON THE EARLY HISTORY OF THE EARTH.
N66-33177 8G S04 19 HC$ 3.00 MF$ 0.50

HOMING DEVICES, RADAR HOMING
DETECTION RANGE OF AN ACTIVE RADAR SEEKER,
AD-85 427 17I U41 24 HC$ 3.60

HONEYCOMB CORE
VIBRATIONAL CHARACTERISTICS OF SANDWICH PANELS IN A REDUCED-PRESSURE ENVIRONMENT,
N66-33456 20K S04 19 HC$ 1.00 MF$ 0.50

HORIZONTAL TAIL
TRANSONIC FLUTTER INVESTIGATION OF MODELS OF PROPOSED HORIZONTAL TAILS FOR THE X-15 AIRPLANE.
N66-33328 1A S04 19 HC$ 2.00 MF$ 0.50

TRANSONIC FLUTTER INVESTIGATION OF MODELS OF THE X-15 AIRPLANE HORIZONTAL TAIL.
N66-33329 1A S04 19 HC$ 2.00 MF$ 0.50

EXPERIMENTALLY DETERMINED EFFECTS OF VARYING PITCH AND CONTROL STIFFNESSES ON THE FLUTTER CHARACTERISTICS AT SUPERSONIC SPEEDS OF ALL- MOVABLE WING AND TAIL MODELS.
N66-34084 1D S04 19 HC$ 2.00 MF$ 0.50

HORMONE
THE EFFECT OF CHANGING GRAVITY AND WEIGHTLESSNESS ON VASOPRESSIN CONTROL SYSTEMS PROGRESS REPORT, FEB. 15 - SEP. 28, 1966.
N66-38718 6S S04 23 HC$ 1.00 MF$ 0.50

HOSPITALS, DATA PROCESSING SYSTEMS
AUTOMATING A HOSPITAL INFORMATION SYSTEM,
PB-173 474 6E U41 24 HC$ 1.60 MF$ 0.50

HOT PRESSING
GRAPHITE-METAL COMPOSITES FINAL REPORT, 1 AUG. 1965 - 31 JUL. 1966.
N66-34066 13H S04 19 HC$ 4.00 MF$ 0.75

HUMAN BEHAVIOR
RESEARCH IN PSYCHOBIOLOGY.
N66-33445 5J S04 19 HC$ 1.00 MF$ 0.50

ON LARGE MODELS OF SYSTEMS.
N66-34069 5K S04 19 HC$ 1.00 MF$ 0.50

VISUAL AND CONTROL ASPECTS OF SACCADIC EYE MOVEMENTS.
N66-37775 6P S04 23 HC$ 3.00 MF$ 1.00

HUMAN BODY
BIOLOGICAL CONTROL SYSTEMS - A CRITICAL REVIEW AND EVALUATION.
N66-37776 6P S04 23 HC$ 4.25 MF$ 2.00

HUMAN ENGINEERING
VIBRATIONS OF TRACTOR DRIVER.
N66-33138 5E S04 19 HC$ 4.00 MF$ 1.00

HUMAN ENGINEERING, ARMY RESEARCH
TENTH ANNUAL ARMY HUMAN FACTORS RESEARCH AND DEVELOPMENT CONFERENCE, 6-8 OCTOBER 1964, U. S. ARMY AVIATION CENTER, FORT RUCKER, ALABAMA.
AD-456 363 5E U41 24 HC$ 7.60

HUMAN ENGINEERING, CONTROL KNOBS
THE EFFECTS OF INERTIA ON THE ACCURACY OF KNOB SETTINGS,
AD-109 235 5E U41 24 HC$ 1.10

ACCURACY OF SETTING CONTROL KNOBS AS FUNCTIONS OF DIRECTIONS OF FINAL MOVEMENT AND NUMBER OF SETTINGS,
AD-109 237 5E U41 24 HC$ 1.10

HUMAN ENGINEERING, DISPLAY SYSTEMS
SOME DESIGN FACTORS AFFECTING THE SPEED OF IDENTIFICATION OF RANGE RINGS ON POLAR COORDINATE DISPLAYS,
AD-50 619 5E U41 24 HC$ 2.60

AN INITIAL EVALUATION OF A VIBROTACTILE DISPLAY IN COMPLEX CONTROL TASKS,
PB-173 174 5E U41 24 HC$ 1.60 MF$ 0.50

HUMAN ENGINEERING, TRAINING DEVICES
DEVELOPMENT OF EVALUATION PROCEDURES FOR PROTOTYPE DEVICES,
AD-641 608 5I T66 24 HC$ 3.00 MF$ 0.75

HUMAN PERFORMANCE
HUMAN TRACKING PERFORMANCE IN UNCOUPLED AND COUPLED TWO-AXIS SYSTEMS.
N66-33981 5H S04 19 HC$ 5.00 MF$ 0.75

OPTIMAL LEARNING IN DETECTION SITUATIONS FIRST SEMIANNUAL STATUS REPORT, PERIOD ENDING JUN. 30, 1966.
N66-38705 5J S04 23 HC$ 1.00 MF$ 0.50

A STUDY OF MAN S PHYSICAL CAPABILITIES ON THE MOON, VOLUME II, PART 1 - BIOMECHANICS RESEARCH PROGRAM.
N66-39796 6B S04 23 HC$ 4.25 MF$ 2.00

HUMAN REACTION
CHARACTERIZATION OF TIME-VARYING HUMAN OPERATOR DYNAMICS.
N66-32959 5H S04 19 HC$ 3.00 MF$ 0.75

HUMIDITY MEASUREMENT
USE OF A FLUIDIC OSCILLATOR AS A HUMIDITY SENSOR FOR A HYDROGEN-STEAM MIXTURE.
N66-33487 7D S04 19 HC$ 1.00 MF$ 0.50

HUYGEN PRINCIPLE
HUYGEN S PRINCIPLE IN A MOVING ISOTROPIC HOMOGENEOUS AND LINEAR MEDIUM.
N66-33383 20N S04 19 HC$ 1.00 MF$ 0.50

HYDRAULIC SEALS, THRUST BEARINGS
AN ANALYTICAL STUDY OF THIN FLUID FILMS IN FACETYPE SHAFT SEALS.
AD-468 741 11A U41 24 HC$ 4.00

HYDRAULIC SYSTEMS, SCIENTIFIC RESEARCH
HYDRAULIC RESEARCH IN THE UNITED STATES 1966.
NBS-HP-280 8H U41 24 HC$ 1.50 MF$ 1.25

HYDRAZINE
INVESTIGATION OF SMALL-SCALE HYDRAZINE- FLUORINE INJECTORS.
N66-33332 21H S04 19 HC$ 1.00 MF$ 0.50

EXPERIMENTAL ROCKET PERFORMANCE OF APOLLO STORABLE PROPELLANTS IN ENGINES WITH LARGE AREA RATIO NOZZLES.
N66-33454 21I S04 19 HC$ 2.00 MF$ 0.50

DENSITY, VAPOR PRESSURE, AND VISCOSITY OF SOLUTIONS OF HYDRAZINE MONONITRATE IN HYDRAZINE.
N66-39789 7D S04 23 HC$ 1.00 MF$ 0.50

HYDRAZINE, CATALYSIS
CATALYTIC REACTIONS OF HYDRAZINE.
AD-641 345 7B T66 24 HC$ 1.60 MF$ 0.50

HYDRAZINE, FATTY ACIDS
EFFECTS OF HYDRAZINE ON FAT TRANSPORT AS AFFECTED BY BLOOD GLUCOSE CONCENTRATION.
AD-641 826 6A T66 24

HYDROCARBON
DEVELOPMENT OF A HYDROCARBON-TYPE OF POLYMER WHICH POSSESSES THE CHARACTERISTICS REQUIRED FOR USE AS A BINDER FOR UNCOATED SPD FIRST QUARTERLY REPORT, MAY 10 - AUG. 10, 1966.
N66-37945 7C S04 23 HC$ 2.00 MF$ 0.50

HYDROCARBONS, DIELECTRIC PROPERTIES
ETUDES D ELEMENTS UTILISES EN INTERFEROMETRIE HERTZIENNE (ONDES) MILLIMETRIQUES), MESURE DE LA PERMITTIVITE DE DIELECTRIQUE LIQUIDE (STUDIES OF ELEMENTS USED IN HERTZIAN INTERFEROMETRY (MILLIMETRIC WAVES), MEASUREMENT OF THE PERMITTIVITY OF A LIQUID DIELECTRIC).
PB-173 395 14B U41 24 HC$ 4.00 MF$ 0.75

HYDRODYNAMIC EQUATION
ON THE DYNAMICS OF CAPILLARIES AND THE EXISTENCE OF PLASMA FLOW IN THE PERICAPILLARY LYMPH SPACE.
N66-32697 6P S04 19 HC$ 2.00 MF$ 0.50

ON THE QUESTION OF CALCULATION OF RADIATION IN ONE-DIMENSIONAL MOVEMENT OF MONATOMIC GAS.
N66-33980 20D S04 19 HC$ 3.00 MF$ 1.00

HYDRODYNAMICS, SYMPOSIA
FOURTH SYMPOSIUM ON NAVAL HYDRODYNAMICS. PROPULSION HYDROELASTICITY, AUGUST 27-31, 1962, WASHINGTON, D. C.,
AD-447 732 20D U41 24

HYDRODYNAMICS, THEORY
GENERAL THEORY OF SIMPLE WAVES IN RELAXATION HYDRODYNAMICS.
AD-641 441 20D T66 24

HYDROFOILS, CAVITATION
A NON-LINEAR THEORY FOR FULLY CAVITATING FLOWS PAST AN INCLINED FLAT PLATE.
AD-641 709 13J T66 24 HC$ 4.00 MF$ 0.75

HYDROGEN
THEORY OF PROTON-HYDROGEN COLLISIONS.
N66-33183 20H S04 19 HC$ 2.00 MF$ 0.50

EXPERIMENTAL HYDROGEN-FLUORINE ROCKET PERFORMANCE AT LOW PRESSURES AND HIGH RATIOS.
N66-33329 21I S04 19 HC$ 2.00 MF$ 0.50

USE OF THE METHOD OF REMOVAL CROSS SECTION FOR THE COMPUTATION OF SHIELDING NOT CONTAINING HYDROGEN.
N66-33723 18F S04 19 HC$ 1.00 MF$ 0.50

HIGH-ENERGY ION BEAMS USED TO ACCELERATE HYDROGEN PROPELLANT ALONG MAGNETIC TUBE OR FLUX.
N66-37680 18K S04 23 HC$ 2.00 MF$ 0.50

HYDROGEN EMBRITTLEMENT, ELECTROPLATING
A RADIOCHEMICAL INVESTIGATION OF THE MECHANISM OF FORMATION OF CYANIDE FILMS ON STEEL COMPONENTS IN ALKALI-CYANIDE ELECTROPLATING BATHS.
AD-641 662 11F T66 24 HC$ 2.60 MF$ 0.50

HYDROGEN FUEL
INVESTIGATION OF INJECTORS FOR A LOW-CHAMBER- PRESSURE HYDROGEN-FLUORINE ROCKET ENGINE.
N66-33333 21H S04 19 HC$ 2.00 MF$ 0.50

EXPERIMENTAL PERFORMANCE OF LIQUID HYDROGEN AND LIQUID FLUORINE IN REGENERATIVELY COOLED ROCKET ENGINES.
N66-33342 21H S04 19 HC$ 2.00 MF$ 0.50

EXPERIMENTAL PERFORMANCE OF A HYDROGEN- FLUORINE ROCKET ENGINE AT SEVERAL CHAMBER PRESSURES AND EXHAUST-NOZZLE EXPANSION AREA RATIOS.
N66-33348 21H S04 19 HC$ 2.00 MF$ 0.50

HYDROGEN ION
AN APPLICATION OF HIRSCHFELDER- SILBEY PERTURBATION THEORY TO THE H2 PLUS ION.
N66-37904 7D S04 23 HC$ 1.00 MF$ 0.50

HYDROGEN PLASMA
STEADY-STATE COMPOSITION OF A LOW-DENSITY NONEQUILIBRIUM HYDROGEN PLASMA.
N66-38137 20I S04 23 HC$ 1.00 MF$ 0.50

HYDROGENATION
DEVELOPMENT OF A HYDROCARBON-TYPE OF POLYMER WHICH POSSESSES THE CHARACTERISTICS REQUIRED FOR USE AS A BINDER FOR UNCOATED SPD FIRST QUARTERLY REPORT, MAY 10 - AUG. 10, 1966.
N66-37945 7C S04 23 HC$ 2.00 MF$ 0.50

HYDROGEN, DEUTERON REACTIONS
DEUTERON ELASTIC SCATTERING FROM HE3 AND H3.
AD-641 998 20H T66 24

HYDROGEN, LINE SPECTRUM
EFFET D UN CHAMP MAGNETIQUE UNIFORME SUR LES PROFILS DES RAIES DE L HYDROGENE (THE EFFECT OF AN HOMOGENEOUS MAGNETIC FIELD ON THE LINE PROFILES OF HYDROGEN).
PB-173 392 20I U41 24 HC$ 3.00 MF$ 0.75

HYDROGEN, PROTON BOMBARDMENT
REORIENTATION OF H ATOMS BY PROTON IMPACT.
AD-641 467 20H T66 24

HYDROLOGY, BIBLIOGRAPHIES
SOVIET BOOKS AND PUBLICATIONS ON GEOLOGICAL AND CHEMICAL OCEANOGRAPHY, HYDROLOGY, AND OTHER SUBJECTS ACQUIRED DURING THE SECOND INTERNATIONAL OCEANOGRAPHIC CONGRESS, MOSCOW, JUNE 1966 TITLES AND SOME TRANSLATED CONTENTS AND NOTES.
AD-641 976 8J T66 24 HC$ 2.00 MF$ 0.50

HYDRAULIC RESEARCH IN THE UNITED STATES 1966.
NBS-HP-280 8H U41 24 HC$ 1.50 MF$ 1.25

HYDROSTATIC PRESSURE
TEST OF A LARGE-DIAMETER RING-STIFFENED CYLINDER SUBJECTED TO HYDROSTATIC PRESSURE.
N66-38411 20K S04 23 HC$ 1.00 MF$ 0.50

HYDROX FUEL CELL
DEVELOPMENT OF HIGH-PERFORMANCE LIGHT-WEIGHT ELECTRODES FOR HYDROGEN-OXYGEN FUEL CELLS FOURTH QUARTERLY REPORT, 6 JAN. - 5 APR. 1966.
N66-38490 10A S04 23 HC$ 2.50 MF$ 0.50

HYDROXYL
SURFACE ADSORPTION IN MAGNESIUM OXIDE.
N66-33769 7B S04 19 HC$ 1.00 MF$ 0.50

HYGIENE
DETERMINATION OF THE INDIGENOUS MICROFLORA OF MEN IN CONTROLLED ENVIRONMENTS FINAL REPORT, JUL. 1964 - NOV. 1965.
N66-38192 6M S04 23 HC$ 7.00 MF$ 2.00

HYPERBOLIC NAVIGATION, RADIO RECEIVERS
AIRBORNE OMEGA RECEIVER.
AD-481 365 17B U41 24 HC$ 2.60 MF$ 0.50

HYPERBOLIC REENTRY
STUDY OF HEAT SHIELDING REQUIREMENTS FOR MANNED MARS LANDING AND RETURN MISSIONS FINAL REPORT.
N66-32717 20M S04 19 HC$ 3.00 MF$ 0.75

PROJECT FIRE PHOTOGRAPHIC SUMMARY AND RECORD OF REENTRY PHENOMENA AT HYPERBOLIC VELOCITIES.
N66-38406 20M S04 23 HC$ 2.50 MF$ 0.75

HYPERONS, DECAY SCHEMES
DYNAMICS OF THE Y1* BRANCHING RATIO.
AD-641 691 20H T66 24

HYPERSONIC FLIGHT
EXPERIMENTAL INVESTIGATION OF A BODY FLAME FOR OBTAINING PITCH STABILITY AND A BODY FLAP FOR OBTAINING PITCH CONTROL IN HYPERSONIC FLIGHT.
N66-34083 1D S04 19 HC$ 2.00 MF$ 0.50

HYPERSONIC FLIGHT, DRAG
THREE-DIMENSIONAL CONFIGURATIONS OF MINIMUM TOTAL DRAG IN NEWTONIAN FLOW.
AD-468 762 20D U41 24 HC$ 3.60 MF$ 0.50

HYPERSONIC FLOW
HYPERSONIC LAMINAR VISCOUS INTERACTION EFFECTS ON THE AERODYNAMICS OF TWO-DIMENSIONAL WEDGE AND TRIANGULAR PLANFORM WINGS.
N66-33017 1A S04 19 HC$ 3.00 MF$ 0.75

NOTE ON A CORRELATION OF BOUNDARY-LAYER TRANSITION RESULTS ON HIGHLY COOLED BLUNT BODIES.
N66-33308 20M S04 19 HC$ 1.00 MF$ 0.50

RADIATIVE HEAT TRANSFER NEAR THE STAGNATION POINT OF A BLUNT BODY.

N66-33702 28M S04 19 HC$ 1.00 MF$ 0.50

AN ANALYSIS OF SUPERSONIC FLOW PHENOMENA IN CONICAL NOZZLES BY A METHOD OF CHARACTERISTICS.
N66-33972 28D S04 19 HC$ 2.00 MF$ 0.50

HYPERSONIC GLIDER
AERODYNAMIC PERFORMANCE AND STATIC STABILITY AND CONTROL OF FLAT-TOP HYPERSONIC GLIDERS AT MACH NUMBERS FROM 6.6 TO 18.
N66-33311 1D S04 19 HC$ 3.00 MF$ 0.75

FLIGHT SIMULATED OFF-THE-PAD ESCAPE AND LANDING MANEUVERS FOR A VERTICALLY LAUNCHED HYPERSONIC GLIDER.
N66-33330 1B S04 19 HC$ 2.00 MF$ 0.50

HYPERSONIC SPEED
STATIC LONGITUDINAL, DIRECTIONAL, AND LATERAL STABILITY AND CONTROL DATA AT A MACH NUMBER OF 6.83 OF THE FINAL CONFIGURATION OF THE X- 15 RESEARCH AIRPLANE.
N66-33320 1D S04 19 HC$ 3.00 MF$ 0.75

PRESSURE DISTRIBUTIONS ON A FLAT-PLATE DELTA WING SWEPT 65 DEG AT A MACH NUMBER OF 9.97 AT ANGLES OF ATTACK FROM 65 DEG TO 115 DEG AND ANGLES OF ROLL FROM 0 DEG TO 25 DEG AT A 90 DEG ANGLE OF ATTACK.
N66-33327 1A S04 19 HC$ 2.00 MF$ 0.50

HEAT-TRANSFER AND PRESSURE DISTRIBUTIONS ON A FLAT-FACE ROUNDED-CORNER BODY OF REVOLUTION WITH AND WITHOUT A FLAP AT A MACH NUMBER OF 8.
N66-33334 28M S04 19 HC$ 2.50 MF$ 0.75

MEASUREMENTS OF THE MACH NUMBER AND PRESSURE ON THE AFTERBODY OF A BLUNT-NOSED MODEL IN FREE FLIGHT AT MACH NUMBERS FROM 6.5 TO 14.
N66-33338 1A S04 19 HC$ 1.00 MF$ 0.50

THE AERODYNAMIC CHARACTERISTICS OF SEVERAL THICK DELTA WINGS AT MACH NUMBERS TO 6 AND ANGLES OF ATTACK 90 DEG.
N66-33340 1A S04 19 HC$ 3.00 MF$ 0.75

HYPERSONIC TEST APPARATUS
A THEORETICAL AND EXPERIMENTAL INVESTIGATION OF SECONDARY JETS IN A MACH 6 FREE STREAM WITH EMPHASIS ON THE STRUCTURE OF THE JET AND SEPARATION AHEAD OF THE JET.
N66-32721 20D S04 19 HC$ 2.00 MF$ 0.50

HYPERVELOCITY GUN
THE DEVELOPMENT OF AN EXPLOSIVELY DRIVEN HYPERVELOCITY GAS GUN FINAL REPORT.
N66-32788 14B S04 19 HC$ 2.50 MF$ 0.75

HYPERVELOCITY PROJECTILE
EFFECT OF TARGET MATERIAL YIELD STRENGTH ON HYPERVELOCITY PERFORATION AND BALLISTIC LIMIT.
N66-33369 28K S04 19 MF$ 0.50

IDENTIFICATION
THE IDENTIFICATION AND MOVEMENT OF MESO-SCALE THUNDERSTORM SYSTEMS.
N66-33119 4B S04 19 HC$ 2.00 MF$ 0.50

IDENTIFICATION SYSTEMS, AIR TRAFFIC CONTROL SYSTEMS
AN IDENTIFICATION SYSTEM FOR USE AS AN AID TO RAID DETECTION AND AIR TRAFFIC CONTROL.
AD-238 041 17G U41 24 HC$ 4.60

IGNITION
FLAMMABILITY IN ZERO-GRAVITY ENVIRONMENT.
N66-32777 21B S04 23 HC$ 2.00 MF$ 0.50

ILLINOIS, CIVIL ENGINEERING
BEHAVIOR OF CONTINUOUS PRESTRESSED CONCRETE BEAMS.
PB-173 405 13M U41 24 HC$ 2.00 MF$ 0.50

ILLUSIONS, SPACE PERCEPTION
PROBLEMS IN DEPTH PERCEPTION EQUIDISTANCE JUDGMENTS IN THE VICINITY OF A BINOCULAR ILLUSION.
AD-641 476 5J T66 24 HC$ 1.00 MF$ 0.50

IMAGERY
USE OF ORBITAL RADARS FOR GEOSCIENCE INVESTIGATIONS.
N66-32758 8B S04 19 HC$ 2.00 MF$ 0.50

IMAGING TECHNIQUE
RADAR AS A REMOTE SENSOR.
N66-32761 17I S04 19 HC$ 2.50 MF$ 0.50

IMMUNOLOGY, GERM-FREE ANIMALS
LYMPHOCYTOPOIESIS, PLASMACYTOPOIESIS AND CELLULAR PROLIFERATION IN NONANTIGENICALLY STIMULATED GERMFREE MICE.
AD-641 835 6E T66 24

CELLULAR AND HUMORAL IMMUNE RESPONSE OF GERMFREE MICE STIMULATED WITH 7S HGG OR SALMONELLA TYPHIMURIUM.
AD-641 836 6E T66 24

IMPACT SHOCK, NUMERICAL METHODS AND PROCEDURES
AN ANALYSIS OF THE TWO-DIMENSIONAL PARTICLE-IN-CELL METHOD.
AD-641 655 19D T66 24 HC$ 3.00 MF$ 0.50

IMPACT TESTS, ALUMINUM ALLOYS
A STUDY OF THE ROLE OF MECHANICAL-STRENGTH PROPERTIES ON THE PHENOMENA OF SPALLATION.
AD-641 874 28K T66 24 HC$ 2.00 MF$ 0.50

IMPEDANCE
THE SUBSTITUTION OF A SEMI-INFINITE, HOMOGENEOUS DIELECTRIC MEDIUM FOR A PLASMA SLAB.
N66-34043 20I S04 19 HC$ 3.00 MF$ 0.75

IMPLANTS, CARDIOVASCULAR DISEASES
SIX STUDIES BASIC TO CONSIDERATION OF THE ARTIFICIAL HEART PROGRAM.
PB-173 483 6E U41 24 HC$ 3.00 MF$ 0.75

IMPURITIES, SCATTERING
NOTE ON IONIZED IMPURITY SCATTERING IN SOLIDS.
AD-641 889 20L T66 24

INDIA
SCIENCE AND THE PROBLEMS OF DEVELOPMENT.
N66-33134 5C S04 19 HC$ 1.00 MF$ 0.50

INDIUM ALLOYS, PHONONS
EFFECT OF ALLOYING ON THE PHONON SPECTRUM OF LEAD-INDIUM ALLOYS.
AD-641 760 20B T66 24

INDUCTION
INSTRUMENT SYSTEM FOR DETERMINING TEMPERATURE EFFECTS ON MAXIMUN INDUCTION OF MAGNETIC MATERIALS.
N66-33969 20M S04 19 HC$ 1.00 MF$ 0.50

INDUSTRIAL RESEARCH, SCIENTIFIC PERSONNEL
ORGANIZATIONAL FACTORS IN SCIENTIFIC PERFORMANCE IN AN INDUSTRIAL RESEARCH LABORATORY.
AD-641 423 5A T66 24 HC$ 6.00 MF$ 1.25

INDUSTRIES, COMMERCE
MORE ON MEASURES OF MARKET STRUCTURE.
AD-641 822 5C T66 24 HC$ 2.00 MF$ 0.50

INDUSTRIES, URBAN PLANNING
THE IMPACT OF LARGE INSTALLATIONS ON NEARBY AREAS.
AD-641 925 13B T66 24 HC$ 9.65 MF$ 2.75

INELASTIC SCATTERING, GAMMA EMISSION
COMPOUND INELASTIC NUCLEON AND GAMMA-RAY ANGULAR DISTRIBUTIONS FOR EVEN-AND ODD-MASS NUCLEI.
AD-641 936 20H T66 24

INEQUALITIES, BOUNDARY VALUE PROBLEMS
SOME INEQUALITIES FOR THE FUNDAMENTAL FREQUENCY OF A NONHOMOGENEOUS MEMBRANE.
AD-641 787 12A T66 24

INEQUALITIES, COMPLEX NUMBERS
COMPLEMENTARY INEQUALITIES IV INEQUALITIES COMPLEMENTARY TO CAUCHY S INEQUALITY FOR SUMS OF COMPLEX NUMBERS.
AD-641 723 12A T66 24

INEQUALITIES, DETERMINANTS
A SUBDETERMINANT INEQUALITY.
AD-641 554 12A T66 24

INEQUALITIES, FUNCTIONAL ANALYSIS
LOWER BOUNDS FOR SOLUTIONS OF DIFFERENTIAL INEQUALITIES IN HILBERT SPACE.
AD-641 736 12A T66 24

INEQUALITIES, STABILITY
A STABILITY INEQUALITY FOR A CLASS OF NONLINEAR FEEDBACK SYSTEMS.
AD-641 689 12B T66 24

INEQUALITIES, STATISTICAL MECHANICS
INEQUALITY WITH APPLICATIONS IN STATISTICAL MECHANICS.
AD-641 779 12A T66 24

INERTIA MOMENT
EFFECTIVE MOMENT OF INERTIA AND VELOCITY RATIO FOR LIQUID-FILLED CYLINDRICAL TANKS OSCILLATING ABOUT THE LONGITUDINAL AXIS.
N66-33433 21I S04 19 HC$ 2.00 MF$ 0.50

INERTIAL NAVIGATION, ERRORS
THE LONG PERIOD ERRORS OF DOPPLER AND INERTIAL NAVIGATION SYSTEMS.
AD-641 719 17G T66 24 HC$ 2.00 MF$ 0.50

INERTIAL NAVIGATION, MEASUREMENT
STATISTICAL THEORY OF NAVIGATION EMPLOYING INDEPENDENT INERTIAL AND VELOCITY MEASUREMENTS.
AD-85 423 17G U41 24 HC$ 5.60

STATISTICAL THEORY OF NAVIGATION EMPLOYING INDEPENDENT INERTIAL AND VELOCITY MEASUREMENTS MINIMUM RMS ERROR IN COMPUTED POSITION.
AD-85 982 17G U41 24 HC$ 2.60

INFECTIOUS DISEASES, TAIWAN
STUDIES OF INFECTIOUS DISEASES OF TAIWAN.
AD-641 987 6E T66 24 HC$ 1.00 MF$ 0.50

INFLATABLE GLIDER
LOW-SUBSONIC WIND-TUNNEL AND FREE-FLIGHT DROP-TEST INVESTIGATION OF A PARAGLIDER CONFIGURATION HAVING LARGE TAPERED LEADING EDGES AND KEEL.
N66-38136 1A S04 23 HC$ 2.00 MF$ 0.50

INFORMATION PROCESSING
ASSOCIATIVE RETRIEVAL BY DYNAMIC TRANSFORMS.
N66-33416 9B S04 19 HC$ 1.00 MF$ 0.50

INFORMATION RETRIEVAL
GUIDE TO THE PROCESSING, STORAGE, AND RETRIEVAL OF BIBLIOGRAPHIC INFORMATION AT THE NASA SCIENTIFIC AND TECHNICAL INFORMATION FACILITY.
N66-34085 9B S04 19 HC$ 3.25 MF$ 1.00

INFORMATION RETRIEVAL, DISPLAY SYSTEMS

INTERACTIVE DISPLAYS FOR DOCUMENT RETRIEVAL,
PB-173 477 5B U41 24 HC$ 2.00 MF$ 0.50

INFORMATION RETRIEVAL, LIBRARIES
MACHINE PROCESSING IN A SPECIAL LIBRARY. VOL I. A SURVEY OF CASE STUDIES,
AD-445 618 5B U41 24 HC$ 2.00

INFORMATION THEORY
INFORMATION SCIENCE.
N66-37803 5B S04 23 HC$ 1.00 MF$ 0.50

INFORMATION THEORY, DETECTION
COMPARISON OF SEQUENTIAL AND NONSEQUENTIAL DETECTION SYSTEMS WITH UNCERTAINTY FEEDBACK,
AD-641 685 9D T66 24

INFORMATION THEORY, RELIABILITY
THE THEORY OF INFORMATION,
AD-115 555 9D U41 24 HC$ 5.60

INFORMATION THEORY, STATISTICAL PROCESSES
LOCAL BEHAVIOR OF STATIONARY GAUSSIAN PROCESSES,
AD-641 323 12A T66 24 HC$ 3.00 MF$ 0.75

INFRARED DETECTORS, CLOUD COVER
INFRARED CLOUD COVER DETECTOR.
PB-173 427 4B U41 24 HC$ 3.00 MF$ 0.75

INFRARED RADIATION
DATA PROCESSING OF LUNAR INFRARED MEASUREMENTS AT HIGH SPATIAL AND RADIOMETRIC RESOLUTION TO OBTAIN BRIGHTNESS TEMPERATURES SCIENTIFIC REPORT NO. 9.
N66-33394 3A S04 19 HC$ 3.00 MF$ 0.75

INFRARED QUENCHING OF THE PHOTOVOLTAIC EFFECT IN CADMIUM SULFIDE.
N66-33685 20L S04 19 HC$ 1.00 MF$ 0.50

STUDY OF EXHAUST PLUME RADIATION PREDICTIONS, PART II
INTERIM PROGRESS REPORT,
N66-38790 20M S04 23 HC$ 3.00 MF$ 0.75

INFRARED RADIATION, WAVE TRANSMISSION
INFRARED RADIATION EMITTED BY HOT GASES AND ITS TRANSMISSION THROUGH SYNTHETIC ATMOSPHERES.
AD-295 016 20F U41 24 HC$ 9.60

INFRARED SCANNER
A UNIQUE VARIABLE WIDTH PULSE INTEGRATOR.
N66-33370 9A S04 19 HC$ 1.00 MF$ 0.50

INFRARED SPECTROSCOPY, CRYSTALS
TEMPERATURE DEPENDENCE OF INFRARED DISPERSION IN IONIC CRYSTALS LIF AND MGO.
AD-641 694 20F T66 24

INFRARED SPECTROSCOPY, ISOTOPES
ETUDE COMPAREE PAR SPECTROMETRIE INFRA-ROUGE DU COMPORTEMENT DE GROUPEMENTS Y-H ET Y-D. FREQUENCES DE VALENCE ET CONSTANTES D ASSOCIATION MOLECULAIRE (COMPARATIVE STUDY OF INFRA-RED SPECTROMETRY OF THE BEHAVIOUR OF Y-H AND Y-D GROUPS. VALENCIES FREQUENCY AND MOLECULAR ASSOCIATION CONSTANTS).
PB-173 383 7D U41 24 HC$ 4.00 MF$ 0.75

INFRARED SPECTRUM
INVESTIGATION OF INFRA-RED ABSORPTION AND LOW ANGLE X-RAY SCATTERING OF TEKTITES SEMIANNUAL STATUS REPORT, 1 DEC. 1965 - 30 JUN. 1966.
N66-33442 8G S04 19 HC$ 2.00 MF$ 0.50

INITIAL VALUE PROBLEM
ON SOLUTION STRUCTURE OF THE RADIAL HEAT PROBLEM WITH SINGULAR DATA.
N66-34073 20M S04 19 HC$ 1.00 MF$ 0.50

NEW ONE-STEP INTEGRATION METHODS OF HIGH-ORDER ACCURACY APPLIED TO SOME PROBLEMS IN CELESTIAL MECHANICS.
N66-37778 12A S04 23 HC$ 2.00 MF$ 0.50

INJECTION
PHOTOGRAPHIC INVESTIGATION OF PROPELLANT STREAM BEHAVIOR IN A FIRING ROCKET ENGINE, VOLUME I TECHNICAL SUMMARY REPORT, 1 AUG. 1964 - 28 FEB. 1966.
N66-34042 21M S04 19 HC$ 3.00 MF$ 0.75

INJECTOR
FLUORINE-HYDROGEN PERFORMANCE EVALUATION. PHASE I, PART I - ANALYSIS, DESIGN, AND DEMONSTRATION OF HIGH PERFORMANCE INJECTORS FOR THE LIQUID FLUORINE-GASEOUS HYDROGEN COMBINATION FINAL REPORT.
N66-32923 21M S04 19 HC$ 3.75 MF$ 1.25

PERFORMANCE OF JP-4 FUEL WITH FLUORINE- OXYGEN MIXTURES IN 1000-POUND-THRUST ROCKET ENGINES.
N66-33309 21I S04 19 HC$ 2.00 MF$ 0.50

INLAND WATERWAYS, LEAKAGE(FLUID)
ELECTRICAL POTENTIAL FROM WATERFLOW IN SOIL SPECIMENS--LOWER COST CANAL LINING PROGRAM.
PB-173 435 8H U41 24 HC$ 2.00 MF$ 0.50

SOIL MOISTURE CHANGES BENEATH A CANAL--LOWER COST CANAL LINING PROGRAM,
PB-173 448 8H U41 24 HC$ 3.00 MF$ 0.75

INLET FLOW
INVESTIGATION OF HIGH-ANGLE-OF-ATTACK PERFORMANCE OF A 14 DEG RAMP-TYPE INLET IN VARIOUS CIRCUMFERENTIAL BODY LOCATIONS, MACH NUMBER RANGE 1.5 TO 2.0.
N66-33339 1A S04 19 HC$ 2.00 MF$ 0.50

INPUT-OUTPUT DEVICES, AUTOMATA
GENERATION OF AN OUTPUT REGULAR EXPRESSION OF A SEQUENTIAL MACHINE WITH A SPECIFIED INPUT REGULAR EXPRESSION.
AD-641 745 9D T66 24 HC$ 1.00 MF$ 0.50

INPUT-OUTPUT DEVICES, PRINTING
DEVELOPMENT OF CHINESE IDEOGRAPHIC COMPOSING MACHINE.
AD-478 089 14E U41 24 HC$ 1.00 MF$ 0.50

INSPECTION
DEVELOPMENT OF A RING BEAM WHEEL SURFACE WAVE SEARCH UNIT FINAL REPORT.
N66-38744 13H S04 23 HC$ 3.00 MF$ 0.75

INSTRUCTORS, SELECTION
CONSTRUCTION OF THREE MEASURES FOR INSTRUCTOR EVALUATION.
AD-641 590 5I T66 24 HC$ 2.00 MF$ 0.50

PRELIMINARY VALIDATION OF THE INSTRUCTORS EVALUATION REPORT.
AD-641 591 5I T66 24 HC$ 2.00 MF$ 0.50

INSTRUCTORS, TRAINING
AMPLIFYING THE INSTRUCTOR TRAINING PROGRAM IN THE NAVAL AIR BASIC TRAINING COMMAND.
AD-641 597 5I T66 24 HC$ 2.60 MF$ 0.50

INSTRUMENT
AN INSTRUMENT FOR THE RAPID MEASUREMENT OF SURFACE DEFORMATIONS OF A 210-FT RADIO TELESCOPE.
N66-38361 14B S04 23 HC$ 2.00 MF$ 0.50

INSTRUMENT ERROR
TIROS VII RADIATION DATA CATALOG AND USERS MANUAL. VOL. 4 - 1 OCTOBER 1964 19 JUNE 1965.
N66-32793 4A S04 19 HC$ 4.25 MF$ 1.75

INSTRUMENT FLIGHT, REACTION(PSYCHOLOGY)
IN-FLIGHT RESPONSE TO A NEW NON-GYROSCOPIC BLIND FLIGHT INSTRUMENT,
AD-641 479 1D T66 24 HC$ 1.00 MF$ 0.50

INSTRUMENT PACKAGE
INSTRUMENTS AND SPACECRAFT, OCTOBER 1957 - MARCH 1965 SPACE MEASUREMENTS SURVEY.
N66-33075 22B S04 19 HC$ 6.00 MF$ 4.75

INSTRUMENTATION
PROJECT FIRE INSTRUMENTATION FOR RADIATIVE HEATING AND RELATED MEASUREMENTS.
N66-38410 20M S04 23 HC$ 2.50 MF$ 0.75

A STUDY OF MAN S PHYSICAL CAPABILITIES ON THE MOON. VOLUME I, PART 2 - INSTRUMENTATION.
N66-38795 6B S04 23 HC$ 2.00 MF$ 0.50

INSTRUMENTATION, COAXIAL CABLES
VOLTAGE STANDING WAVE RATIO 3/8 IN. COAXIAL INSTRUMENTS WITH TYPE N CONNECTORS FREQUENCY RANGE 0.02 TO 18.0 GHZ VSWR RANGE, 1.04 TO 10.0.
PB-173 503 9C U41 24 HC$ 1.00 MF$ 0.50

INSULATION
INVESTIGATION OF A LIGHTWEIGHT SELF-EVACUATING PREFABRICATED MULTI-LAYER INSULATION SYSTEM FOR CRYOGENIC SPACE PROPULSION STAGES FINAL REPORT, 3 JUN. 1965 - 31 JUL. 1966.
N66-38580 13H S04 23 HC$ 3.75 MF$ 1.75

INTEGRAL EQUATIONS, ANTENNAS
THE INTEGRAL EQUATION FOR THE CURRENT IN AN ASYMMETRICALLY DRIVEN, THICK TUBULAR ANTENNA.
AD-641 362 9E T66 24 HC$ 1.00 MF$ 0.50

INTEGRAL EQUATIONS, COMPLEX VARIABLES
ON THE REALIZATION OF THE EIGENVALUES OF INTEGRAL EQUATIONS WHOSE KERNELS ARE ENTIRE OR MEROMORPHIC IN THE EIGENVALUE PARAMETER.
AD-641 445 12A T66 24

INTEGRAL EQUATIONS, THEORY
ABEL S EQUATION AND THE CAUCHY INTEGRAL EQUATION OF THE SECOND KIND.
AD-641 368 12A T66 24 HC$ 2.00 MF$ 0.50

INTEGRAL TRANSFORMS, FUNCTIONS
CONVOLUTION TRANSFORMS WHOSE INVERSION FUNCTIONS HAVE COMPLEX ROOTS,
AD-641 526 12A T66 24

INTEGRALS, TRANSPORT PROPERTIES
EVALUATION OF SOME TRANSPORT INTEGRALS,
AD-641 678 20J T66 24

INTEGRATED CIRCUIT
A UNIQUE VARIABLE WIDTH PULSE INTEGRATOR.
N66-33370 9A S04 19 HC$ 1.00 MF$ 0.50

INTEGRATED CIRCUITS, CIRCUIT INTERCONNECTIONS
EVALUATION OF FLIP/CHIP INTEGRATED CIRCUIT INTERCONNECTIONS.
AD-482 059 9E U41 24 HC$ 1.00 MF$ 0.50

INTEGRATED CIRCUITS, COMPUTERS
INTEGRATED CIRCUITS FOR FIELDATA COMPUTERS.
AD-641 943 9A T66 24 HC$ 1.00 MF$ 0.50

INTEGRATED CIRCUITS, REPORTS
TECHNOLOGY, DESIGN AND APPLICATION OF INTEGRATED CIRCUITS.
AD-641 642 9E T66 24 HC$ 3.00 MF$ 0.75

INTEGRATOR

A SURVEY OF ADAPTIVE COMPONENTS FOR USE IN FAILURE-FREE SYSTEMS SPECIAL TECHNICAL REPORT NO. 1.
N66-32716 9A S04 19 HC$ 1.00 MF$ 0.50

INTELLIGIBILITY, SPEECH
THE EFFECT OF CONTEXT ON AURAL PERCEPTION OF WORDS,
AD-641 839 5J T66 24

INTERFEROMETERS, EXTREMELY HIGH FREQUENCY
ETUDES D ELEMENTS UTILISES EN INTERFEROMETRIE HERTZIENNE (ONDES) MILLIMETRIQUES), MESURE DE LA PERMITTIVITE DE DIELECTRIQUE LIQUIDE (STUDIES OF ELEMENTS USED IN HERTZIAN INTERFEROMETRY (MILLIMETRIC WAVES), MEASUREMENT OF THE PERMITTIVITY OF A LIQUID DIELECTRIC).
PB-173 393 14B U41 24 HC$ 4.00 MF$ 0.75

INTERFEROMETERS, GEOMETRY
A GENERALIZED VECTOR THEORY OF THE MACH-ZEHNDER INTERFEROMETER,
AD-641 348 28F T66 24 HC$ 2.60 MF$ 0.50

INTERFEROMETRY
PLANETARY SPECTRA BY FOURIER SPECTROSCOPY. I - MARS,
N66-33778 3A S04 19 HC$ 2.50 MF$ 0.50

INTERMETALLICS
ELECTRON DIFFRACTION STUDY OF THE OXIDATION PROCESS OF THIN FILMS OF INTERMETALLIC COMPOUNDS OF THE SYSTEM NICKEL-ALUMINUM.
N66-33704 11F S04 19 HC$ 1.00 MF$ 0.50

INTERNAL CONVERSION, ELECTRONS
CORRELATIONS DIRECTIONNELLES ELECTRON-GAMMA (ELECTRON-GAMMA DIRECTIONAL CORRELATIONS),
PB-173 401 20H U41 24 HC$ 3.00 MF$ 0.75

INTERNAL FRICTION, MATHEMATICAL ANALYSIS
LINEAR RESPONSE FUNCTIONS AND THE PHENOMENOLOGICAL EQUATIONS OF INTERNAL FRICTION.
AD-641 535 28K T66 24

INTERNAL FRICTION, RELAXATION TIME
AN INTERNAL FRICTION STUDY OF VACANCIES IN A QUENCHED AU-NI SOLID SOLUTION.
AD-641 786 11F T66 24

INTERNATIONAL COOPERATION
STATUS AND SPECIAL PROBLEMS OF THE GERMAN CIVIL AVIATION. SPECIAL PROBLEMS OF THE INTERNATIONAL ECONOMIC COOPERATION IN THE AVIATION FIELD IN PARTICULAR RESPECT TO DEVELOPING NATIONS.
N66-34037 5C S04 19 HC$ 2.00 MF$ 0.50

INTERPLANETARY TRANSFER
OPTIMUM SECONDARY IMPULSE FOR INTERPLANETARY TRANSFER TECHNICAL NOTE 64-21.
N66-32759 22C S04 19 HC$ 2.00 MF$ 0.50

INVARIANCE, CODING
SOME RESULTS ON CYCLIC CODES WHICH ARE INVARIANT UNDER THE AFFINE GROUP.
AD-641 561 9D T66 24 HC$ 3.00 MF$ 0.50

INVENTORY CONTROL, OPTIMIZATION
OPTIMAL POLICIES FOR TWO PRODUCT INVENTORY SYSTEMS, WITH AND WITHOUT SETUP COSTS.
AD-641 499 12B T66 24 HC$ 5.00 MF$ 1.00

ION BEAM
HIGH-ENERGY ION BEAMS USED TO ACCELERATE HYDROGEN PROPELLANT ALONG MAGNETIC TUBE OR FLUX.
N66-37688 18K S04 23 HC$ 2.00 MF$ 0.50

RESEARCH ON ION BEAM DIAGNOSTICS FINAL REPORT.
N66-38759 10A S04 23 HC$ 3.00 MF$ 0.75

ION BEAMS, FOCUSING
ETUDE THEORIQUE ET EXPERIMENTALE DE LA FOCALISATION DES IONS AFIN D AMELIORER, LA BRILLANCE DU FAISCEAU IONIQUE PAR LA SUPPRESSION DES CAUSES D ABERRATION (THEORETICAL AND EXPERIMENTAL STUDY OF ION FOCUSING SYSTEMS IN ORDER TO IMPROVE THE ION BEAM BRIGHTNESS BY SUPPRESSING ABERRATION CAUSES).
PB-173 402 20G U41 24 HC$ 3.00 MF$ 0.75

ION BEAMS, IONIC CURRENT
LIMITING STABLE CURRENTS IN BOUNDED ELECTRON AND ION STREAMS,
AD-641 709 9C T66 24

ION EXCHANGE RESIN
THERMALLY REGENERABLE CARBON DIOXIDE ABSORBENT SYSTEM FINAL REPORT, 1 MAY 1964 - 31 JAN. 1966.
N66-33499 7A S04 19 HC$ 3.75 MF$ 1.50

ION SOURCE
SPUTTERING ION SOURCE STUDY PROGRAM, SECOND PHASE FINAL REPORT, 2 JAN. - 15 NOV. 1962.
N66-33440 20I S04 19 HC$ 2.00 MF$ 0.50

IONIZATION CHAMBERS, DIFFUSION
EFFECT OF DIFFUSION ON THE SATURATION CURVE OF A PLANE PARALLEL ION CHAMBER,
AD-641 928 18D T66 24

IONIZATION CHAMBERS, SENSITIVITY
CONTRIBUTION A LA MESURE PRECISE DE L ACTIVITE DE SOURCES NON PONCTJELLES AU MOYEN DE LA CHAMBRE D IONISATION A PUITS (CONTRIBUTION TO THE PRECISE MEASUREMENT OF THE ACTIVITY OF NON-POINT SOURCES BY THE USE OF THE WELL-TYPE IONISATION CHAMBER),
PB-173 388 18D U41 24 HC$ 5.00 MF$ 1.00

IONIZATION TRAILS, SCANNING
TABLE DE DEPOUILLEMENT BIP 101 POUR CLICHES DE CHAMBRES A BULLES (SCANNING TABLE BIP 101 FOR BUBBLE CHAMBER PICTURES),
PB-173 397 14B U41 24 HC$ 1.00 MF$ 0.50

IONIZING RADIATION
CONTRIBUTION TO THE THEORY OF THE ADSORPTION EFFECT AT THE SURFACE OF SEMICONDUCTORS AND GELS UNDER THE ACTION OF IONIZING RADIATION.
N66-33676 20L S04 19 HC$ 1.00 MF$ 0.50

IONOSONDE
IONOSPHERIC DATA FOR DECEMBER 1965 FROM WOOMERA, SOUTH AUSTRALIA.
N66-37784 4A S04 23 HC$ 2.00 MF$ 0.50

IONOSPHERE
IONOSPHERIC DATA FOR DECEMBER 1965 FROM WOOMERA, SOUTH AUSTRALIA.
N66-37784 4A S04 23 HC$ 2.00 MF$ 0.50

IONOSPHERE, SCIENTIFIC RESEARCH
IONOSPHERIC RESEARCH.
AD-641 795 4A T66 24 HC$ 2.00 MF$ 0.50

IONOSPHERIC COMPOSITION
IONOSPHERIC DATA FOR FEBRUARY 1966 FROM SALISBURY, SOUTH AUSTRALIA IONOSPHERIC DATA BULLETIN.
N66-37731 4A S04 23 HC$ 2.00 MF$ 0.50

IONOSPHERIC ELECTRON DENSITY
ELECTRON DENSITIES AND SCALE HEIGHTS IN THE TOPSIDE IONOSPHERE - ALOUETTE I OBSERVATIONS OVER THE AMERICAN CONTINENTS, VOLUME I - NOVEMBER 1962 - JANUARY 1963.
N66-33197 4A S04 19 HC$ 5.50 MF$ 2.50

IONOSPHERIC RESEARCH USING SATELLITES ANNUAL SUMMARY REPORT.
N66-33523 4A S04 19 HC$ 3.00 MF$ 0.50

IONOSPHERIC IRREGULARITY
RANGE RESIDUALS IN VHF RADAR TRACKING.
N66-33984 17I S04 19 HC$ 1.00 MF$ 0.50

IONOSPHERIC PROPAGATION, ELECTROMAGNETIC WAVES
AN INVESTIGATION OF SOME OF THE EFFECTS OF THE IONOSPHERE ON ELECTROMAGNETIC WAVE PROPOGATION,
AD-641 344 20N T66 24 HC$ 1.60 MF$ 0.50

IONOSPHERIC PROPAGATION, TRANSPORT PROPERTIES
A NEW METHOD TO MEASURE ELECTRON COLLISION FREQUENCIES IN THE IONOSPHERE BY MEANS OF THE FARADAY ROTATION PROCESS,
AD-641 897 20N T66 24 HC$ 2.00 MF$ 0.50

IRON ALLOY
INVESTIGATION OF MAGNETICALLY SOFT, HIGH-TEMPERATURE COBALT-IRON ALLOY.
N66-38750 11F S04 23 HC$ 1.00 MF$ 0.50

IRON ALLOYS, ANALYSIS
STANDARD REFERENCE MATERIALS DETERMINATION OF OXYGEN IN FERROUS MATERIALS SRM 1090, 1091, AND 1092,
NBS-MISC-PUB-260-14 11F U41 24 HC$ 0.30 MF$ 0.50

IRON ALLOYS, METALLURGY
TRANSFORMATION KINETICS, MICROPLASTICITY AND AGING OF MARTENSITE IN FE-31 NI.
AD-641 428 11F T66 24 HC$ 7.00 MF$ 1.50

IRON ALLOYS, REFINING(METALLURGY)
PREPARATION OF CRFE ALLOYS,
AD-641 896 11F T66 24 HC$ 1.00 MF$ 0.50

IRON, HARDENING
EXPLOSIVE HARDENING OF IRON AND LOW-CARBON STEEL,
AD-453 901 13H U41 24 HC$ 3.00 MF$ 0.50

IRON, HYPERFINE STRUCTURE
INTERNAL FIELD OF FE57 IN NICKEL FROM 77K TO THE CURIE POINT,
AD-641 763 20L T66 24

ISOCYANATE PLASTICS, VISCOELASTICITY
ON THE COMPLEX POISSON S RATIO OF A URETHANE RUBBER COMPOUND.
AD-641 693 11J T66 24

ISOLATOR
INVESTIGATION OF THE RELIABILITY OF STERILE INSERTION TECHNIQUES FOR SPACECRAFT MONTHLY LETTER REPORT, 23 JUN. - 23 JUL. 1966.
N66-32965 13H S04 19 HC$ 2.00 MF$ 0.50

ISOTHERMAL FLOW
AN UNSTEADY THERMAL LAMINAR BOUNDARY LAYER ON A SEMI-INFINITE PLATE IN A VISCOUS FLOW.
N66-33724 20D S04 19 HC$ 1.00 MF$ 0.50

ISOTOPE SEPARATION, ELECTROLYSIS
SEPARATION OF ISOTOPES BY ELECTROLYSIS,
AD-43 734 18B U41 24 HC$ 1.60

ISOTROPIC MEDIUM
HUYGEN S PRINCIPLE IN A MOVING ISOTROPIC HOMOGENEOUS AND LINEAR MEDIUM.
N66-33383 20N S04 19 HC$ 1.00 MF$ 0.50

ITERATION
AN APPRAISAL OF FOPIM FAST-CONVERGING PERTURBATION METHOD.
N66-33174 20J S04 19 HC$ 1.00 MF$ 0.50

ITERATIVE METHODS, ANALYSIS
THE RELATION BETWEEN ABSOLUTE ITERATION AND NEWTON S METHOD,
AD-641 491 12A T66 24

ITERATIVE METHODS, CLASSIFICATION
THE TERMINATION OF CERTAIN ITERATIVE PROCESSES,
AD-641 667 12A T66 24 HC$ 1.00 MF$ 0.50

JAPAN
GEOMAGNETISM, MEMAMBETSU 1960.
N66-33708 8N S04 19 HC$ 4.00 MF$ 1.00

JET ENGINE
OPTIMAL CONDITIONS OF DECELERATING THE ROTATIONAL MOTION OF A SYMMETRIC BODY.
N66-33695 22A S04 19 HC$ 1.00 MF$ 0.50

JET ENGINE FUELS, THERMAL STABILITY
THERMAL STABILITY OF HYDROCARBON FUELS.
AD-641 419 21D T66 24 HC$ 6.00 MF$ 1.50

JET ENGINE INLETS, TEMPERATURE
A GENERALIZED EXPERIMENTAL STUDY OF INLET TEMPERATURE RISE OF JET V/STOL AIRCRAFT IN GROUND EFFECT.
AD-641 610 1C T66 24 HC$ 5.00 MF$ 1.00

JET FIGHTERS, FLIGHT PATHS
A STUDY TO DETERMINE THE FLIGHT PATHS WHICH REQUIRE MINIMUM TIME AND MINIMUM FUEL FOR A TYPICAL PRESENT DAY INTERCEPTOR,
AD-102 896 1B U41 24 HC$ 1.40

JET FLOW
A THEORETICAL AND EXPERIMENTAL INVESTIGATION OF SECONDARY JETS IN A MACH 6 FREE STREAM WITH EMPHASIS ON THE STRUCTURE OF THE JET AND SEPARATION AHEAD OF THE JET.
N66-32721 20D S04 19 HC$ 2.00 MF$ 0.50

JET PLANES, FLIGHT PATHS
CLIMB PATH FOR LEAST ELAPSED TIME.
AD-102 897 17G U41 24 HC$ 1.40

JET PLANES, VERTICAL TAKE-OFF PLANES
A GENERALIZED EXPERIMENTAL STUDY OF INLET TEMPERATURE RISE OF JET V/STOL AIRCRAFT IN GROUND EFFECT.
AD-641 610 1C T66 24 HC$ 5.00 MF$ 1.00

JET PLUME
STUDY OF EXHAUST PLUME RADIATION PREDICTIONS, PART II
INTERIM PROGRESS REPORT,
N66-35790 20M S04 23 HC$ 3.00 MF$ 0.75

JET TRANSPORT
VALIDATION OF A RESEARCH SIMULATOR FOR INVESTIGATING JET TRANSPORT HANDLING QUALITIES AND AIRWORTHINESS CRITERIA DURING TAKEOFF.
N66-38747 14B S04 23 HC$ 2.50 MF$ 0.50

JOB ANALYSIS, NAVAL AVIATION
REPORT ON BILLET ANALYSIS AND EVALUATION.
AD-641 596 5I T66 24 HC$ 5.60 MF$ 0.50

JOINTS, MECHANICAL PROPERTIES
THE STRENGTH AND STIFFNESS OF NAILED JOINTS UNDER SHORT-DURATION LOADING.
PB-173 475 13M U41 24 HC$ 2.00 MF$ 0.50

JOURNAL BEARING
ANALYZATION, DESIGN, FABRICATION, AND TESTING OF A FOIL BEARING ROTOR SUPPORT SYSTEM FINAL TECHNICAL REPORT.
N66-32962 13I S04 19 HC$ 4.00 MF$ 0.75

JP-4 JET FUEL
PERFORMANCE OF JP-4 FUEL WITH FLUORINE- OXYGEN MIXTURES IN 1000-POUND-THRUST ROCKET ENGINES.
N66-33309 21I S04 19 HC$ 2.00 MF$ 0.50

K MESONS, MESON CAPTURE
HIGH ENERGY PHYSICS WITH EMPHASIS ON STRANGE PARTICLES.
AD-641 991 20M T66 24 HC$ 3.00 MF$ 0.75

K MESONS, MESON REACTIONS
ETUDE DU SYSTEME ANTI-K, PION DANS LES ETATS FINALS A 3 CORPS, PRODUITS PAR LES INTERACTIONS K-P A 3 GEV/C (STUDY OF THE ANTI-K, PION SYSTEM IN THE 3 BODIES FINAL STATES, PRODUCED BY 3 GEV/C K-P INTERACTIONS).
PB-173 393 20M U41 24 HC$ 3.00 MF$ 0.75

KC-135 AIRCRAFT
INFLIGHT AND GROUND-BASED SIMULATION OF HANDLING QUALITIES OF VERY LARGE AIRPLANES IN LANDING APPROACH.
N66-38805 1B S04 23 HC$ 2.50 MF$ 0.75

KIDNEYS, ANTIBIOTICS
SIGNIFICANCE OF ANTIBACTERIAL LEVELS IN THE RENAL LYMPH DURING TREATMENT FOR PYELONEPHRITIS,
AD-641 377 6E T66 24

KIDNEYS, LYMPH
TRANSPORT OF RENIN ANGIOTENSIN BY RENAL LYMPHATICS,
AD-641 380 6E T66 24

KIDNEYS, OXYGEN CONSUMPTION
MEASUREMENT OF OXYGEN TENSION AND SATURATION IN THE DIAGNOSIS OF RENAL ISCHEMIC HYPERTENSION,
AD-641 373 6E T66 24

KIDNEYS, SPACE MEDICINE
STUDY OF MAN DURING A 56-DAY EXPOSURE TO AN OXYGEN-HELIUM ATMOSPHERE AT 258 MM. HG TOTAL PRESSURE. III. RENAL RESPONSE,
AD-641 818 6S T66 24

KINETIC THEORY, SUPERAERODYNAMICS
KINETIC THEORY OF MOLECULAR RADIOMETRIC FORCE AND RADIOMETER,
AD-480 791 7D U41 24 HC$ 2.00 MF$ 0.50

KNUDSEN CELL
THE PROBLEM OF THE VOLATILITY OF NIOBIUM OXIDES.
N66-33681 7D S04 19 HC$ 1.00 MF$ 0.50

KNUDSEN NUMBER, COUETTE FLOW
SLIP FLOW OF LINEARIZED COUETTE PROBLEM.
AD-641 540 20D T66 24

LABORATORIES, REVIEWS
THE FRANK J. SEILER RESEARCH LABORATORY
AD-641 986 14B T66 24 HC$ 3.00 MF$ 0.75

LABORATORY ANIMALS, RADIOLOGICAL CONTAMINATION
DESCRIPTION D UN DISPOSITIF PERMETTANT LA CONTAMINATION D ANIMAUX DE LABORATOIRE PAR INHALATION D AEROSOLS RADIOACTIFS (DEVICE FOR CONTAMINATING LABORATORY ANIMALS BY INHALATION OF RADIOACTIVE AEROSOLS),
PB-173 384 6R U41 24 HC$ 2.00 MF$ 0.50

LABORATORY EQUIPMENT, ELECTROPHORESIS
INTEGRATING PHOTOELECTRIC RECORDER FOR PAPER AND OTHER ELECTROPHORETIC MEASUREMENTS.
AD-641 565 6L T66 24 HC$ 1.00 MF$ 0.50

LACTIC ACID
STRUCTURAL AND FUNCTIONAL PROPERTIES OF THE H AND M SUBUNITS OF LACTIC DEHYDROGENASES.
N66-33173 6A S04 19 HC$ 2.00 MF$ 0.50

LAMINAR BOUNDARY LAYER
DETERMINATION OF THE THERMAL CHARACTERISTICS OF A TWO-DIMENSIONAL LAMINAR BOUNDARY LAYER IN A COMPRESSIBLE GAS WITHOUT A LONGITUDINAL PRESSURE GRADIENT, IN THE VICINITY OF THE FORWARD STAGNATION POINT.
N66-33695 20M S04 19 HC$ 1.00 MF$ 0.50

AN UNSTEADY THERMAL LAMINAR BOUNDARY LAYER ON A SEMI-INFINITE PLATE IN A VISCOUS FLOW.
N66-33724 20D S04 19 HC$ 1.00 MF$ 0.50

LAMINAR FLOW
A REVIEW OF FACTORS AFFECTING BOUNDARY-LAYER TRANSITION.
N66-32940 20D S04 19 HC$ 2.00 MF$ 0.50

NOTE ON A CORRELATION OF BOUNDARY-LAYER TRANSITION RESULTS ON HIGHLY COOLED BLUNT BODIES.
N66-33308 20M S04 19 HC$ 1.00 MF$ 0.50

LAMINATED PLASTICS, COMPOSITE MATERIALS
HOLLOW GLASS FIBER REINFORCED LAMINATES,
AD-451 684 11I U41 24 HC$ 5.00

LAMINATES, WOOD
WHITE OAK LAMINATES COMPARISON OF 12-DAY AND 3-HOUR DELINATION TEST RESULTS.
AD-641 904 11L T66 24 HC$ 1.00 MF$ 0.50

LANDING SIMULATION
FLIGHT SIMULATED OFF-THE-PAD ESCAPE AND LANDING MANEUVERS FOR A VERTICALLY LAUNCHED HYPERSONIC GLIDER.
N66-33330 1B S04 19 HC$ 2.00 MF$ 0.50

FIXED-BASE VISUAL-SIMULATION STUDY OF MANUALLY CONTROLLED TRANSLATION AND HOVER MANEUVERS OVER THE LUNAR SURFACE.
N66-38413 5H S04 23 HC$ 1.00 MF$ 0.50

LANDING SYSTEM
DYNAMIC-MODEL INVESTIGATION OF SOME LANDINGS AND SLIDEOUTS OF A RECOVERABLE BOOSTER.
N66-33450 22D S04 19 HC$ 1.00 MF$ 0.50

LANGMUIR PROBE
THE VAPOR PRESSURE OF MAGNESIUM BETWEEN 223 DEG AND 385 DEG C.
N66-33423 20M S04 19 HC$ 1.00 MF$ 0.50

LAPLACE OPERATOR
ON SOLUTION STRUCTURE OF THE RADIAL HEAT PROBLEM WITH SINGULAR DATA.
N66-34073 20M S04 19 HC$ 1.00 MF$ 0.50

LAPLACE TRANSFORM
SEISMIC WAVE PROPAGATION IN LAYERED MEDIA, PART I SCIENTIFIC REPORT.
N66-33522 8K S04 19 HC$ 1.00 MF$ 0.50

LASER
DEVELOPMENT OF OPTICAL WAVEGUIDES AND COMPONENTS PROGRESS REPORT NO. 1339, FEB. 1965 - MAR. 1966.
N66-32797 20E S04 19 HC$ 3.00 MF$ 0.75

LASER OUTPUT
A NEW CLASS OF TRAPPED LIGHT FILAMENTS.
N66-33863 20E S04 19 HC$ 1.00 MF$ 0.50

LASERS, PHOTOCHROMISM
BLEACHING MECHANISM OF ORGANIC PHOTOTROPIC SUBSTANCES USED IN RUBY LASERS AS SWITCHES,
AD-641 876 20E T66 24 HC$ 1.00 MF$ 0.50

LASERS, REFLECTORS
A GLASS LASER COUPLING REFLECTOR,
AD-641 513 20E T66 24

LASERS, RESONATORS
UNSTABLE OPTICAL RESONATORS FOR LASER APPLICATIONS,
AD-460 878 20E U41 24 HC$ 2.00

LASERS, SOLID STATE PHYSICS
SOLID STATE RESEARCH,
AD-641 498 20L T66 24 HC$ 3.00 MF$ 0.75

LATERAL STABILITY
A SUMMARY OF RESULTS OBTAINED DURING FLIGHT SIMULATION OF SEVERAL AIRCRAFT PROTOTYPES WITH VARIABLE-STABILITY AIRPLANES,
N66-34081 1B S04 19 HC$ 2.50 MF$ 0.75

LATERAL STABILITY AND CONTROL
STATIC LONGITUDINAL, DIRECTIONAL, AND LATERAL STABILITY AND CONTROL DATA AT A MACH NUMBER OF 6.83 OF THE FINAL CONFIGURATION OF THE X- 15 RESEARCH AIRPLANE,
N66-33328 1D S04 19 HC$ 3.00 MF$ 0.75

TRANSONIC WIND-TUNNEL INVESTIGATION OF STATIC LONGITUDINAL AND LATERAL STABILITY AND CONTROL CHARACTERISTICS AND DRAG RISE OF A REPRESENTATIVE FIGHTER AIRPLANE,
N66-34082 1D S04 19 HC$ 3.00 MF$ 1.00

LATTICE
RESULTS AND INTERPRETATION OF SPECIAL INDICES MEASUREMENTS MADE WITH AQUILON,
N66-38120 18J S04 23 HC$ 3.00 MF$ 0.50

LATTICE IMPERFECTION
INVESTIGATIONS OF EFFECT OF INTERSTITIAL IMPURITIES ON THE STRUCTURE AND PROPERTIES OF TUNGSTEN SINGLE CRYSTALS,
N66-33722 11F S04 19 HC$ 1.00 MF$ 0.50

LATTICE VIBRATION
THE EFFECT OF DEFECTS ON THE BASAL PLANE THERMAL CONDUCTIVITY OF A GRAPHITE CRYSTAL, PART I - THEORY,
N66-33110 18K S04 19 HC$ 1.00 MF$ 0.50

LAUNCH COMPLEX
ELECTRICAL REFERENCE HANDBOOK, LAUNCH EQUIPMENT BRANCH ELECTRICAL SUPPORT EQUIPMENT LC-39, VOLUME I,
N66-33865 22D S04 19 HC$ 7.00 MF$ 1.75

LAUNCH VEHICLE
PRELIMINARY INVESTIGATION OF INTERFERENCE EFFECTS OF MULTICOPLANAR FINS ON A TWO-STAGE ROCKET LAUNCH VEHICLE WITH WINGED SPACECRAFT AT TRANSONIC SPEEDS,
N66-33345 22D S04 19 HC$ 2.00 MF$ 0.50

DYNAMIC-MODEL INVESTIGATION OF SOME LANDINGS AND SLIDEOUTS OF A RECOVERABLE BOOSTER,
N66-33450 22D S04 19 HC$ 1.00 MF$ 0.50

STUDY ON EXHAUST PLUME RADIATION PREDICTIONS INTERIM TECHNICAL PROGRESS REPORT, 1 JUN. 1964 - 30 NOV. 1965,
N66-38105 20M S04 23 HC$ 4.00 MF$ 1.00

LAUNCH VEHICLE CONFIGURATION
SUPERSONIC INVESTIGATION OF EFFECTS OF CONFIGURATION GEOMETRY ON PRESSURE-COEFFICIENT AND SECTION NORMAL-FORCE-COEFFICIENT DISTRIBUTIONS FOR A TWO-STAGE LAUNCH VEHICLE,
N66-33451 1A S04 19 HC$ 2.00 MF$ 0.50

LAUNCHING FACILITY
A SELECTIVE BIBLIOGRAPHY, 1949 - 1965,
N66-38723 9B S04 23 HC$ 2.00 MF$ 0.50

LAUNCHING PAD
FLIGHT SIMULATED OFF-THE-PAD ESCAPE AND LANDING MANEUVERS FOR A VERTICALLY LAUNCHED HYPERSONIC GLIDER,
N66-33330 1B S04 19 HC$ 2.00 MF$ 0.50

LEAD ALLOYS, PHONONS
EFFECT OF ALLOYING ON THE PHONON SPECTRUM OF LEAD-INDIUM ALLOYS,
AD-641 769 20B T66 24

LEAD COMPOUNDS, AZIDES
INVESTIGATION OF METHODS FOR THE ANALYSIS OF LEAD AZIDE,
AD-156 422 7C U41 24 HC$ 1.60

LEAD TELLURIDE
THERMOELECTRIC BONDING STUDY QUARTERLY PROGRESS REPORT, 1 APR. - 30 JUN. 1966,
N66-38792 13H S04 23 HC$ 2.00 MF$ 0.50

LEADING EDGE
HEAT TRANSFER IN THE NEIGHBORHOOD OF THE BLUNT LEADING EDGE OF A CYLINDRICAL WING DURING SLIP,
N66-33693 1A S04 19 HC$ 1.00 MF$ 0.50

LEAKAGE
ATTENUATION OF SINUSOIDAL DISTURBANCES IN NONVISCOUS LIQUID FLOWING IN A LONG LINE WITH DISTRIBUTED LEAKAGE,
N66-33022 20D S04 19 HC$ 2.00 MF$ 0.50

LEARNING
RESEARCH IN PSYCHOBIOLOGY,
N66-33445 5J S04 19 HC$ 1.00 MF$ 0.50

OPTIMAL LEARNING IN DETECTION SITUATIONS FIRST SEMIANNUAL STATUS REPORT, PERIOD ENDING JUN. 30, 1966,
N66-38705 5J S04 23 HC$ 1.00 MF$ 0.50

LEARNING MACHINES, CHARACTER RECOGNITION
GRAPHICAL-DATA-PROCESSING RESEARCH STUDY AND EXPERIMENTAL INVESTIGATION,
AD-641 647 9B T66 24 HC$ 3.00 MF$ 0.50

LEARNING, MOTOR REACTIONS
A STUDY OF TRANSFER IN A MOTOR TASK WITH VARYING DISPLAY-CONTROL RELATIONSHIPS,
AD-641 580 5I T66 24 HC$ 3.60 MF$ 0.50

TRANSFER OF TRAINING FROM PRACTICE ON COMPONENTS IN A MOTOR SKILL,
AD-641 581 5I T66 24 HC$ 6.60 MF$ 0.75

TRANSFER OF DISCRIMINATION TO A MOTOR TASK,
AD-641 583 5I T66 24 HC$ 3.60 MF$ 0.50

TRANSFER TO A MOTOR SKILL FROM PRACTICE ON A PICTURED REPRESENTATION,
AD-641 584 5I T66 24 HC$ 2.00 MF$ 0.50

ON THE RELATION BETWEEN SIMILARITY AND TRANSFER OF TRAINING IN THE LEARNING OF DISCRIMINATIVE MOTOR TASKS,
AD-641 585 5I T66 24 HC$ 2.00 MF$ 0.50

TRANSFER OF TRAINING TO A MOTOR SKILL AS A FUNCTION OF VARIATION IN RATE OF RESPONSE,
AD-641 586 5I T66 24 HC$ 1.00 MF$ 0.50

TRANSFER OF TRAINING TO A MOTOR TASK IN RELATION TO STIMULUS SIMILARITY,
AD-641 587 5I T66 24 HC$ 3.60 MF$ 0.50

LEARNING, NUCLEIC ACIDS
MOLECULAR NEUROCHEMISTRY OF THE BRAIN DURING CONDITIONED AVOIDANCE BEHAVIOR,
AD-641 615 5J T66 24 HC$ 2.00 MF$ 0.50

LEARNING, PATTERN RECOGNITION
COMPUTERS IN BEHAVIORAL SCIENCE,
PB-173 514 5G U41 24 HC$ 1.60 MF$ 0.50

LEARNING, PERFORMANCE(HUMAN)
SYMBOLS VIA LEARNING SET,
AD-641 470 5J T66 24

LEARNING, SYMPOSIA
SECOND CALIFORNIA CONFERENCE ON VERBAL LEARNING AND VERBAL BEHAVIOR,
AD-641 437 5J T66 24

LEARNING, TRACKING
VERBAL CODING AND DISPLAY CODING IN THE ACQUISITION AND RETENTION OF TRACKING SKILL,
AD-641 623 5J T66 24

LEARNING, WORD ASSOCIATION
LEARNING AND SHORT-TERM RETENTION OF PAIRED ASSOCIATES IN RELATION TO SPECIFIC SEQUENCES OF INTERPRESENTATION INTERVALS,
AD-641 395 5J T66 24 HC$ 3.00 MF$ 0.75

LEAST SQUARES METHOD
ERROR ANALYSIS OF A WEIGHTED LEAST SQUARES PROCESS TO DETERMINE THE LUNAR GRAVITATIONAL FIELD,
N66-38141 3B S04 23 HC$ 2.00 MF$ 0.50

LEAST SQUARES METHOD, POLYNOMIALS
A RECURSION RELATION FOR COMPUTING LEAST-SQUARE POLYNOMIALS OVER MOVING-ARCS,
AD-641 341 12A T66 24 HC$ 1.60 MF$ 0.50

LENSES, DIFFRACTION
EXACT SOLUTION TO A LENS PROBLEM,
AD-641 729 20F T66 24

LIAPUNOV FUNCTION
ASYMPTOTIC STABILITY OF SAMPLED NONLINEAR SYSTEMS WITH VARIABLE SAMPLING PERIODS -- A BIONIC APPLICATION DISCUSSION,
N66-33436 12A S04 19 HC$ 1.00 MF$ 0.50

LIBRARIES, INFORMATION RETRIEVAL
MACHINE PROCESSING IN A SPECIAL LIBRARY, VOL I, A SURVEY OF CASE STUDIES,
AD-446 610 5B U41 24 HC$ 2.00

LIFE DETECTOR
LIFE DETECTION SUBSYSTEM PROGRESS REPORT NO. 1,
N66-33444 6P S04 19 HC$ 3.00 MF$ 0.50

LIFT FORCE
A NUMERICAL TECHNIQUE FOR ANALYSIS OF WAVE DRAG AT LIFTING CONDITIONS,
N66-38407 1A S04 23 HC$ 1.00 MF$ 0.50

LIFTING BODY
CONVECTIVE HEAT TRANSFER TO A LIFTING FLAT-FACED-CONE ENTRY BODY,
N66-33322 20M S04 19 HC$ 2.00 MF$ 0.50

SUPERSONIC AERODYNAMIC CHARACTERISTICS OF A SERIES OF RELATED BODIES WITH CROSS-SECTIONAL ELLIPTICITY,
N66-33457 1A S04 19 HC$ 3.00 MF$ 0.75

LIFTING REENTRY
STATIC STABILITY AND CONTROL CHARACTERISTICS OF TWO LARGE-DIHEDRAL RIGHT TRIANGULAR PYRAMID LIFTING REENTRY CONFIGURATIONS AT A MACH NUMBER OF 3.05,
N66-33317 1D S04 19 HC$ 2.00 MF$ 0.50

LIGHT INTENSITY
PHOTOELECTRIC PHOTOMETRY OF RR LYRAE STARS,
N66-33137 3B S04 19 HC$ 1.00 MF$ 0.50

LIGHT MODULATOR

REVIEW OF THE PRESENT SITUATION ON LASER RESEARCH.
N66-33688 20E S04 19 HC$ 2.00 MF$ 0.50

LIGHT SCATTERING
A NEW CLASS OF TRAPPED LIGHT FILAMENTS.
N66-33863 20E S04 19 HC$ 1.00 MF$ 0.50

LIGHTING EQUIPMENT, STANDARDS
A SUBSTANDARD LIGHT SOURCE OF VERY LOW INTENSITY.
AD-641 927 14R T66 24

LIGHTWEIGHT
RECORDING LEAF MOVEMENTS WITH A STRAIN GAUGE.
N66-33417 6C S04 19 HC$ 1.00 MF$ 0.50

LIMITERS, FERROMAGNETIC MATERIALS
INVESTIGATIONS OF BROADBAND FERROMAGNETIC POWER LIMITERS AND EXPANDERS AS DUPLEXING ELEMENTS FOR MICROWAVE SYSTEMS.
AD-641 994 9E T66 24 HC$ 2.00 MF$ 0.50

LINE SPECTRUM, HYDROGEN
EFFET D UN CHAMP MAGNETIQUE UNIFORME SUR LES PROFILS DES RAIES DE L HYDROGENE (THE EFFECT OF AN HOMOGENEOUS MAGNETIC FIELD ON THE LINE PROFILES OF HYDROGEN).
PB-173 392 20I U41 24 HC$ 3.00 MF$ 0.75

LINE SPECTRUM, MAGNETIC FIELDS
HIGH-FIELD ZEEMAN EFFECT MEASUREMENTS USING A SCANNING TECHNIQUE AND PULSED FIELDS.
AD-641 916 20L T66 24 HC$ 1.00 MF$ 0.50

LINEAR EQUATION
EXPLICIT RUNGE- KUTTA INTEGRATION.
N66-33537 12A S04 19 HC$ 1.00 MF$ 0.50

LINEAR PROGRAMMING
MINIMUM ENERGY TIME-OPTIMAL CONTROL FOR SATURATING SAMPLED-DATA SYSTEMS.
N66-32704 9C S04 19 HC$ 1.00 MF$ 0.50

LINOLENIC ACID, METABOLISM
ETHYLENE PRODUCTION FROM LINOLENIC ACID.
AD-641 941 6A T66 24

LIQUID
EXPERIMENTAL PERFORMANCE OF LIQUID HYDROGEN AND LIQUID FLUORINE IN REGENERATIVELY COOLED ROCKET ENGINES.
N66-33342 21H S04 19 HC$ 2.00 MF$ 0.50

LIQUID FLOW
NONSTEADY LIQUID AND GAS FLOW WITH HEAT ADDITION AND SHOCK PERTURBATIONS.
N66-33748 20D S04 23 HC$ 2.50 MF$ 0.75

LIQUID HYDROGEN
EXPERIMENTS WITH HYDROGEN AND OXYGEN IN REGENERATIVE ENGINES AT CHAMBER PRESSURES FROM 100 TO 300 POUNDS PER SQUARE INCH ABSOLUTE.
N66-33344 21H S04 19 HC$ 2.00 MF$ 0.50

EXPERIMENTAL INVESTIGATION OF BAFFLE EFFECTIVENESS IN A CONFINED FLUID SUBJECTED TO WALL AND NONUNIFORM SOURCE HEATING.
N66-33710 21I S04 19 HC$ 3.00 MF$ 0.75

LIQUID-HYDROGEN DENSITY MEASUREMENTS USING AN OPEN-ENDED MICROWAVE CAVITY.
N66-33144 20M S04 23 HC$ 1.00 MF$ 0.50

LIQUID METAL
RANKINE CYCLE TEST FACILITY STUDY - TECHNICAL DATA FINAL REPORT.
N66-33975 10B S04 19 HC$ 5.54 MF$ 2.50

PRESSURE MEASURING SYSTEMS FOR FOR CLOSED CYCLE LIQUID METAL FACILITIES NINTH QUARTERLY REPORT, MAR. 1 - MAY 31, 1966.
N66-33106 14B S04 23 HC$ 2.50 MF$ 0.50

THEORETICAL INVESTIGATION OF TURBULENT LIQUID-METAL HEAT TRANSFER IN CHANNELS WITH HEAT SOURCES IN THE FLUID.
N66-33801 20M S04 23 HC$ 2.50 MF$ 0.75

LIQUID METALS, HEAT EXCHANGERS
THE EVALUATION OF A LIQUID METAL REGENERATOR FOR A 3750 HP TURBOPROP ENGINE.
AD-407 471 21E U41 24 HC$ 10.60

LIQUID NITROGEN
BUOYANCY EFFECTS ON CRITICAL HEAT FLUX OF FORCED CONVECTIVE BOILING IN VERTICAL FLOW.
N66-33143 20M S04 23 HC$ 1.00 MF$ 0.50

LIQUID OXYGEN (LOX)
PRESSURIZATION OF LIQUID OXYGEN CONTAINERS PROGRESS REPORT NO. 7, NOV. 1963 - NOV. 1964.
N66-33180 20M S04 19 HC$ 3.00 MF$ 0.75

EXPERIMENTS WITH HYDROGEN AND OXYGEN IN REGENERATIVE ENGINES AT CHAMBER PRESSURES FROM 100 TO 300 POUNDS PER SQUARE INCH ABSOLUTE.
N66-33344 21H S04 19 HC$ 2.00 MF$ 0.50

LIQUID PROPELLANT
FLUORINE-HYDROGEN PERFORMANCE EVALUATION, PHASE I, PART I - ANALYSIS, DESIGN, AND DEMONSTRATION OF HIGH PERFORMANCE INJECTORS FOR THE LIQUID FLUORINE-GASEOUS HYDROGEN COMBINATION FINAL REPORT.
N66-32923 21H S04 19 HC$ 3.75 MF$ 1.25

PROPELLANT EXPULSION IN UNMANNED SPACECRAFT.
N66-37804 21H S04 23 HC$ 2.50 MF$ 0.75

LIQUID PROPELLANT ROCKET ENGINE
INVESTIGATION OF SMALL-SCALE HYDRAZINE- FLUORINE INJECTORS.
N66-33332 21H S04 19 HC$ 1.00 MF$ 0.50

PERFORMANCE EVALUATION OF A TWO-STAGE TURBINE DESIGNED FOR A RATIO OF BLADE SPEED TO JET SPEED OF 0.146.
N66-33341 21E S04 19 HC$ 2.00 MF$ 0.50

EXPERIMENTAL PERFORMANCE OF LIQUID HYDROGEN AND LIQUID FLUORINE IN REGENERATIVELY COOLED ROCKET ENGINES.
N66-33342 21H S04 19 HC$ 2.00 MF$ 0.50

EXPERIMENTAL PERFORMANCE OF A HYDROGEN- FLUORINE ROCKET ENGINE AT SEVERAL CHAMBER PRESSURES AND EXHAUST-NOZZLE EXPANSION AREA RATIOS.
N66-33348 21H S04 19 HC$ 2.00 MF$ 0.50

LIQUID SLOSHING
EFFECTIVE MOMENT OF INERTIA AND VELOCITY RATIO FOR LIQUID-FILLED CYLINDRICAL TANKS OSCILLATING ABOUT THE LONGITUDINAL AXIS.
N66-33433 21I S04 19 HC$ 2.00 MF$ 0.50

LIQUIDS, IMPACT SHOCK
COLLISONS OF LIQUID DROPS WITH LIQUIDS. SUPPLEMENT I. NEW CRATER DEPTH DATA FOR IMPACTS OF WATERDROPS WITH WATER.
AD-641 302 20D T66 24 HC$ 1.00 MF$ 0.50

LIQUID-FILLED SHELL
EFFECTIVE MOMENT OF INERTIA AND VELOCITY RATIO FOR LIQUID-FILLED CYLINDRICAL TANKS OSCILLATING ABOUT THE LONGITUDINAL AXIS.
N66-33433 21I S04 19 HC$ 2.00 MF$ 0.50

LITHIUM COMPOUNDS, FLUORIDES
TEMPERATURE DEPENDENCE OF INFRARED DISPERSION IN IONIC CRYSTALS LIF AND MGO.
AD-641 694 20F T66 24

LITHIUM HYDRIDE
INVESTIGATION OF LITHIUM HYDRIDE AND MAGNESIUM AS HIGH-TEMPERATURE INTERNAL COOLANTS WITH SEVERAL SKIN MATERIALS.
N66-33335 20M S04 19 HC$ 1.00 MF$ 0.50

LOADING
NACA CONFERENCE ON AIRCRAFT LOADS, FLUTTER, AND STRUCTURES - A COMPILATION OF THE PAPERS PRESENTED.
N66-33351 20K S04 19 HC$ 6.36 MF$ 3.00

LOADING(MECHANICS), ELASTICITY
TRANSFER OF LOAD FROM AN EDGE-STIFFENER TO A SHEET- A RECONSIDERATION OF HELAN S PROBLEM.
AD-641 497 20K T66 24 HC$ 2.00 MF$ 0.50

LOCOMOTION
EXPERIMENTAL STUDY OF DYNAMIC EFFECTS OF CREW MOTION IN A MANNED ORBITAL RESEARCH LABORATORY (MORL).
N66-38756 5H S04 23 HC$ 3.25 MF$ 1.25

LOGIC CIRCUIT
LOW POWER NANOSECOND PULSE AND LOGIC CIRCUITS USING TUNNEL DIODES.
N66-33967 9A S04 19 HC$ 1.00 MF$ 0.50

LOGISTICS, TRANSPORT PLANES
AIRCRAFT COMPARTMENT DESIGN CRITERIA FOR THE ARMY DEPLOYMENT MISSION.
AD-241 637 1C U41 24 HC$ 4.60

LONG PERIOD EFFECT
ANALYSIS OF LUNAR AND SOLAR EFFECTS ON THE MOTION OF CLOSE EARTH SATELLITES.
N66-32945 22A S04 19 HC$ 2.50 MF$ 0.75

LONGITUDINAL STABILITY
DYNAMIC STABILITY INVESTIGATION OF TWO RIGHT CIRCULAR CYLINDERS IN AXIAL FREE FLIGHT AT MACH NUMBERS FROM 0.4 TO 1.7 FINENESS-RATIO- 2.56 CYLINDER AND FINENESS-RATIO-4.8 CYLINDER WITH FLARED AFTERBODY.
N66-33313 1A S04 19 HC$ 2.00 MF$ 0.50

TRANSONIC STATIC AND DYNAMIC LONGITUDINAL STABILITY CHARACTERISTICS OF A LOW-FINENESS- RATIO, BLUNTED-CYLINDER REENTRY BODY HAVING A CONVERGING-CONE AFTERBODY.
N66-33318 1D S04 19 HC$ 2.00 MF$ 0.50

TRANSONIC WIND-TUNNEL MEASUREMENTS OF SOME DYNAMIC LONGITUDINAL AND DIRECTIONAL STABILITY PARAMETERS FOR A FINNED SPINNING BODY OF REVOLUTION HAVING A HIGH FINENESS RATIO.
N66-33323 1A S04 19 HC$ 1.00 MF$ 0.50

STATIC STABILITY CHARACTERISTICS OF CONE AND HALF-CONE-PYRAMID CONFIGURATIONS AT MACH 6.83.
N66-33453 1A S04 19 HC$ 2.00 MF$ 0.50

LONGITUDINAL STABILITY AND CONTROL
STATIC LONGITUDINAL, DIRECTIONAL, AND LATERAL STABILITY AND CONTROL DATA AT A MACH NUMBER OF 6.83 OF THE FINAL CONFIGURATION OF THE X- 15 RESEARCH AIRPLANE.
N66-33328 1D S04 19 HC$ 3.00 MF$ 0.75

TRANSONIC WIND-TUNNEL INVESTIGATION OF STATIC LONGITUDINAL AND LATERAL STABILITY AND CONTROL CHARACTERISTICS AND DRAG RISE OF A REPRESENTATIVE FIGHTER AIRPLANE.
N66-34082 1D S04 19 HC$ 3.00 MF$ 1.00

LOOP
VEHICLE TRACKING RECEIVER DESIGN.
N66-38787 9F S04 23 HC$ 3.00 MF$ 0.75

LOW ASPECT RATIO WING
GROUND EFFECTS RELATED TO LANDING OF AIRPLANES WITH LOW-ASPECT-RATIO WINGS.
N66-38138 1B S04 23 HC$ 1.00 MF$ 0.50

LOW FINENESS RATIO
TRANSONIC STATIC AND DYNAMIC LONGITUDINAL STABILITY CHARACTERISTICS OF A LOW-FINENESS- RATIO, BLUNTED-CYLINDER REENTRY BODY HAVING A CONVERGING-CONE AFTERBODY.
N66-33318 1D S04 19 HC$ 2.00 MF$ 0.50

LOW TEMPERATURE ENVIRONMENT
THE INFLUENCE OF LOW TEMPERATURE ON THE DEVELOPMENT OF MICROORGANISMS. PART IV - THE INFLUENCE OF LOW TEMPERATURE ON THE GROWTH OF MOLDS.
N66-33699 6H S04 19 HC$ 1.00 MF$ 0.50

LOW-TEMPERATURE ALLOYS, MOLDING
USE OF LOW-MELTING METAL ALLOYS FOR CASTING AND TRANSFER MOLDING OF HOLLOW PLASTIC SPHERES.
AD-641 974 13H T66 24 HC$ 1.00 MF$ 0.50

LOX-HYDROGEN ENGINE
SUMMARY OF MATERIALS TECHNOLOGY OF M-1 ENGINE.
N66-33977 13H S04 19 HC$ 2.50 MF$ 0.75

LUBRICANTS, COMPOSITE MATERIALS
TESTS OF DRY COMPOSITE LURRICATED BEARINGS FOR USE IN AN AEROSPACE ENVIRONMENTAL CHAMBER.
AD-459 414 11H U41 24 HC$ 2.00

LUBRICANTS, WEAR RESISTANCE
FACTORS AFFECTING THE ENDURANCE OF RUBBED LUBRICANT FILMS OF LAMELLAR SOLIDS.
AD-641 387 11H T66 24 HC$ 1.00 MF$ 0.50

LUBRICATION SYSTEM
SUPERSONIC TRANSPORT LUBRICATION SYSTEM INVESTIGATION THIRD SEMIANNUAL REPORT, 1 NOV. 1965 - 1 MAY 1966.
N66-32922 13I S04 19 HC$ 3.00 MF$ 1.00

LUBRICATION, FLUIDS
PROCESS FLUID LUBRICATION.
AD-641 369 11H T66 24 HC$ 1.00 MF$ 0.50

LUMINESCENCE
AN EXPERIMENTAL INVESTIGATION OF RADIATION EFFECTS IN SEMICONDUCTORS SEMIANNUAL STATUS REPORT, 1 JAN. - 30 JUN. 1966.
N66-34068 20L S04 19 HC$ 1.00 MF$ 0.50

LUNAR CRATER
COMMUNICATIONS OF THE LUNAR AND PLANETARY LABORATORY, VOLUME 5, PART 1, NUMBER 70.
N66-38712 3B S04 23 HC$ 4.00 MF$ 1.25

LUNAR EFFECT
ANALYSIS OF LUNAR AND SOLAR EFFECTS ON THE MOTION OF CLOSE EARTH SATELLITES.
N66-32945 22A S04 19 HC$ 2.50 MF$ 0.75

LUNAR ENVIRONMENT
AN ENGINEERING STUDY AND PRELIMINARY DESIGN OF A ONE MAN PROPULSION DEVICE FOR LUNAR AND FREE-SPACE ENVIRONMENTS MID-POINT ORAL STATUS REPORT.
N66-33717 5E S04 19 HC$ 2.50 MF$ 0.50

LUNAR ENVIRONMENT, BIBLIOGRAPHIES
MANNED EXPLORATION, COLONIZATION AND EXPLOITATION OF THE LUNAR SURFACE A SELECTIVE BIBLIOGRAPHY.
AD-641 973 22A T66 24 HC$ 1.00 MF$ 0.50

LUNAR EXPLORATION
THE LUNAR ORBITER.
N66-33407 22B S04 19 HC$ 2.00 MF$ 0.50

LUNAR GRAVITATION
ERROR ANALYSIS OF A WEIGHTED LEAST SQUARES PROCESS TO DETERMINE THE LUNAR GRAVITATIONAL FIELD.
N66-39141 3B S04 23 HC$ 2.00 MF$ 0.50

A STUDY OF MAN S PHYSICAL CAPABILITIES ON THE MOON, VOLUME I, PART 1 - LUNAR GRAVITY SIMULATION FACILITY.
N66-38494 14B S04 23 HC$ 2.00 MF$ 0.50

N66-38794 14B S04 23 HC$ 2.00 MF$ 0.50

A STUDY OF MAN S PHYSICAL CAPABILITIES ON THE MOON, VOLUME I, PART 2 - INSTRUMENTATION.
N66-38795 6B S04 23 HC$ 2.00 MF$ 0.50

A STUDY OF MAN S PHYSICAL CAPABILITIES ON THE MOON, VOLUME II, PART 1 - BIOMECHANICS RESEARCH PROGRAM.
N66-35796 6B S04 23 HC$ 4.25 MF$ 2.00

LUNAR GRAVITATIONAL EFFECT
A STUDY OF MAN S PHYSICAL CAPABILITIES ON THE MOON, VOLUME III - WORK PHYSIOLOGY RESEARCH PROGRAM.
N66-38798 6B S04 23 HC$ 4.25 MF$ 2.00

A STUDY OF MAN S PHYSICAL CAPABILITIES ON THE MOON, VOLUME IV - INVESTIGATION OF LUNAR GRAVITY SIMULATION TECHNIQUES.
N66-38799 6B S04 23 HC$ 2.50 MF$ 0.50

LUNAR LANDING
ANALYSIS OF COMBINATIONS OF ALTITUDE AND DESCENT RATE FOR SAFE ABORT DURING TERMINAL PHASE OF LUNAR LANDING.
N66-32944 22A S04 19 HC$ 2.00 MF$ 0.50

LUNAR MARE
AN EXPERIMENTAL STUDY OF FLUIDIZATION PROCESSES UNDER LUNAR CONDITIONS.
N66-38803 3B S04 23 HC$ 2.50 MF$ 0.75

LUNAR ORBIT
VISUAL SIMULATION OF LUNAR ORBIT ESTABLISHMENT USING A SIMPLIFIED GUIDANCE TECHNIQUE.
N66-33448 17G S04 19 HC$ 2.00 MF$ 0.50

LUNAR ORBITER
PROJECT SLOPE - STUDY OF LUNAR ORBITER PHOTOGRAPHIC EVALUATION FINAL REPORT.
N66-38492 14E S04 23 HC$ 3.25 MF$ 1.00

LUNAR PHOTOGRAPH
THE FIRST PANORAMIC VIEWS OF THE LUNAR SURFACE.
N66-38486 22A S04 23 HC$ 3.00 MF$ 1.00

LUNAR PROBE
LUNA-10 COMPLETED ITS PROGRAM OF SCIENTIFIC INVESTIGATIONS.
N66-33397 22B S04 19 HC$ 1.00 MF$ 0.50

LUNAR SURFACE
LUNAR STRUCTURES AS DEDUCED FROM MUONG NONG TEKTITES.
N66-32956 3B S04 19 HC$ 1.00 MF$ 0.50

LUNAR GEOPHYSICAL SURFACE AND SUBSURFACE PROBES FOR APOLLO APPLICATIONS PROGRAM - VOLUME I - DETAILED TECHNICAL REPORT FINAL REPORT.
N66-32960 22A S04 19 HC$ 4.66 MF$ 2.50

LUNAR SURFACE AND SUBSURFACE PROBES FOR APOLLO APPLICATIONS PROGRAM, VOLUME II - SUMMARY TECHNICAL REPORT FINAL REPORT.
N66-32961 22A S04 19 HC$ 3.00 MF$ 0.75

INSTRUMENTATION FOR INVESTIGATING THE PHYSICAL PROPERTIES OF THE LUNAR SURFACE.
N66-33167 3A S04 19 HC$ 1.00 MF$ 0.50

LUNAR DIFFERENTIATION PROCESSES.
N66-33169 3B S04 19 HC$ 1.00 MF$ 0.50

PHYSICS OF THE MOON AND THE PLANETS.
N66-33526 3B S04 19 HC$ 4.00 MF$ 1.00

FIXED-BASE VISUAL-SIMULATION STUDY OF MANUALLY CONTROLLED TRANSLATION AND MOVER MANEUVERS OVER THE LUNAR SURFACE.
N66-38413 5H S04 23 HC$ 1.00 MF$ 0.50

LUNAR SIMULATION MODEL AND OPTICAL STUDIES FOR LUNAR ORBITER SYSTEM SUPPORT.
N66-38493 14B S04 23 HC$ 2.50 MF$ 0.75

LUNAR TEMPERATURE
DATA PROCESSING OF LUNAR INFRARED MEASUREMENTS AT HIGH SPATIAL AND RADIOMETRIC RESOLUTION TO OBTAIN BRIGHTNESS TEMPERATURES SCIENTIFIC REPORT NO. 9.
N66-33394 3A S04 19 HC$ 3.00 MF$ 0.75

LUNAR TRACKING
EARTH-BASED TRACKING OF A LUNAR BEACON.
N66-38707 17I S04 23 HC$ 3.00 MF$ 0.75

LYMPH
ON THE DYNAMICS OF CAPILLARIES AND THE EXISTENCE OF PLASMA FLOW IN THE PERICAPILLARY LYMPH SPACE.
N66-32697 6P S04 19 HC$ 2.00 MF$ 0.50

LYMPHOCYTES, GERM-FREE ANIMALS
LYMPHOCYTOPOIESIS, PLASMACYTOPOIESIS AND CELLULAR PROLIFERATION IN NONANTIGENICALLY STIMULATED GERMFREE MICE.
AD-641 835 6E T66 24

LYMPH, KIDNEYS
SIGNIFICANCE OF ANTIBACTERIAL LEVELS IN THE RENAL LYMPH DURING TREATMENT FOR PYELONEPHRITIS,
AD-641 377 6E T66 24

TRANSPORT OF RENIN ANGIOTENSIN BY RENAL LYMPHATICS.
AD-641 380 6E T66 24

MACH NUMBER
MEASUREMENTS OF THE MACH NUMBER AND PRESSURE ON THE AFTERBODY OF A BLUNT-NOSED MODEL IN FREE FLIGHT AT MACH NUMBERS FROM 6.5 TO 14.
N66-33338 1A S04 19 HC$ 1.00 MF$ 0.50

LONGITUDINAL AERODYNAMIC CHARACTERISTICS OF A TENSION SHELL ENTRY CONFIGURATION AT MACH 20.
N66-33452 1A S04 19 HC$ 2.00 MF$ 0.50

A THEORETICAL AND EXPERIMENTAL STUDY AT MACH 8 OF FLOW SEPARATION OF A FLAT PLATE WITH DEFLECTED TRAILING EDGE FLAP.
N66-38716 1A S04 23 HC$ 5.00 MF$ 1.00

MAGMA
LUNAR DIFFERENTIATION PROCESSES.
N66-33169 3B S04 19 HC$ 1.00 MF$ 0.50

MAGNESIUM
INVESTIGATION OF LITHIUM HYDRIDE AND MAGNESIUM AS HIGH-TEMPERATURE INTERNAL COOLANTS WITH SEVERAL SKIN MATERIALS.
N66-33335 20M S04 19 HC$ 1.00 MF$ 0.50

THE VAPOR PRESSURE OF MAGNESIUM BETWEEN 223 DEG AND 385 DEG C.
N66-33423 20M S04 19 HC$ 1.00 MF$ 0.50

MAGNESIUM ALLOYS, SUPERCONDUCTIVITY
SUPERCONDUCTING TRANSITION TEMPERATURES OF MERCURY-ALKALINE

EARTH METAL COMPOUNDS.
AD-641 799 20C T66 24

MAGNESIUM COMPOUNDS, OXIDES
THE FRACTURE TOUGHNESS OF IMPURE MGO CRYSTALS.
AD-641 657 11B T66 24 HC$ 2.00 MF$ 0.50

TEMPERATURE DEPENDENCE OF INFRARED DISPERSION IN IONIC CRYSTALS _IF AND MGO.
AD-641 694 20F T66 24

MAGNESIUM COMPOUNDS, SINGLE CRYSTALS
SYNTHESIS AND OPTICAL PROPERTIES OF FORSTERITE.
AD-641 363 20L T66 24 HC$ 3.00 MF$ 1.00

MAGNESIUM OXIDE
FORMATION OF CO2 RADICAL IONS WHEN CO2 IS ADSORBED ON IRRADIATED MAGNESIUM OXIDE.
N66-33166 7C S04 19 HC$ 1.00 MF$ 0.50

SURFACE ADSORPTION IN MAGNESIUM OXIDE.
N66-33769 7B S04 19 HC$ 1.00 MF$ 0.50

MAGNESIUM, PRIMARY CELLS
DEVELOPMENT OF MAGNESIUM WAFER CELLS.
AD-641 660 10C T66 24 HC$ 2.00 MF$ 0.50

MAGNESIUM, TOXICITY
EFFECT OF CALCIUM CHLORIDE AND MAGNESIUM SULFITE ON THE RATE OF RIGOR MORTIS.
AD-641 751 6A T66 24 HC$ 1.00 MF$ 0.50

MAGNETIC COIL
A SUPERCONDUCTING MAGNETIC BOTTLE.
N66-37811 20C S04 23 HC$ 1.00 MF$ 0.50

MAGNETIC FIELD
AMBIPOLAR DIFFUSION OF A PLASMA CLOUD IN A MAGNETIC FIELD.
N66-38342 20I S04 23 HC$ 2.00 MF$ 0.50

THE ELECTROENCEPHALOGRAM OF THE SQUIRREL MONKEY (SAIMIRI SCIUREUS) IN A VERY HIGH MAGNETIC FIELD.
N66-38729 6S S04 23 HC$ 1.00 MF$ 0.50

N66-38793 6C S04 23 HC$ 1.00 MF$ 0.50

ANALYTIC AND COMPUTER STUDIES OF ELECTRON COLLECTION BY A SPHERICAL SATELLITE IN THE EARTH S MAGNETIC FIELD.
N66-38802 4A S04 23 HC$ 2.50 MF$ 0.75

MAGNETIC FIELD DISTURBANCE
GEOMAGNETIC DISTURBANCES.
N66-38364 4A S04 23 HC$ 2.00 MF$ 0.50

MAGNETIC FIELDS, LINE SPECTRUM
HIGH-FIELD ZEEMAN EFFECT MEASUREMENTS USING A SCANNING TECHNIQUE AND PULSED FIELDS.
AD-641 916 20L T66 24 HC$ 1.00 MF$ 0.50

MAGNETIC FIELDS, SOLAR SYSTEMS
MOVIE OF THE INTERPLANETARY MAGNETIC FIELD.
AD-641 972 3B T66 24 HC$ 1.00 MF$ 0.50

MAGNETIC MATERIAL
DEVELOPMENT AND EVALUATION OF MAGNETIC AND ELECTRICAL MATERIALS CAPABLE OF OPERATING IN THE 800 DEG TO 1600 DEG F TEMPERATURE RANGE THIRD QUARTERLY REPORT, 1 JUN. - 31 AUG. 1965.
N66-32924 13H S04 19 HC$ 3.75 MF$ 1.25

INSTRUMENT SYSTEM FOR DETERMINING TEMPERATURE EFFECTS ON MAXIMUM INDUCTION OF MAGNETIC MATERIALS.
N66-33969 20M S04 19 HC$ 1.00 MF$ 0.50

INVESTIGATION OF MAGNETICALLY SOFT, HIGH-TEMPERATURE COBALT-IRON ALLOY.
N66-38750 11F S04 23 HC$ 1.00 MF$ 0.50

MAGNETIC MATERIALS, PURIFICATION
PREPARATION AND CHARACTERIZATION OF ULTRA-PURE SOLIDS.
AD-641 958 20L T66 24 HC$ 3.00 MF$ 0.75

MAGNETIC PROPERTY
ALTERNATING FIELD DEMAGNETIZATION STUDY ON LOWER SINIAN SANDSTONES IN XIUNING HSIUNING DISTRICT, ANHUI ANHWEI PROVINCE.
N66-38177 8E S04 23 HC$ 1.00 MF$ 0.50

MAGNETIC SPECTROSCOPY
APPENDIX - SOME SPECTROSCOPIC OBSERVATIONS OF THE INTERACTION BETWEEN A PLASMA WIND AND A DIPOLE MAGNETIC FIELD.
N66-32764 20I S04 19 HC$ 1.00 MF$ 0.50

MAGNETIC STORM
GEOMAGNETIC AND GEOELECTRIC OBSERVATIONS, 1964 (RAPID VARIATIONS).
N66-33118 3B S04 19 HC$ 4.00 MF$ 1.00

MAGNETIC TAPE, WEAR RESISTANCE
INVESTIGATION OF MAGNETIC TAPE WEAR CHARACTERISTICS - DEVELOPMENT OF A TAPE WEAR SIMULATOR.
AD-450 169 14C U41 24 HC$ 3.60

MAGNETOHYDRODYNAMIC ACCELERATION
HIGH-ENERGY ION BEAMS USED TO ACCELERATE HYDROGEN PROPELLANT ALONG MAGNETIC TUBE OR FLUX.
N66-37680 18K S04 23 HC$ 2.00 MF$ 0.50

MAGNETOHYDRODYNAMICS, ELECTROMAGNETIC WAVES
RADIATION CONDITION FOR A MAGNETOPLASMA MEDIUM-I.
AD-641 661 20I T66 24 HC$ 3.00 MF$ 0.50

MAGNETOSPHERE
ACCELERATION OF ELECTRONS NEAR THE EARTH S BOW SHOCK.
N66-33413 20H S04 19 HC$ 1.00 MF$ 0.50

THE SOLAR WIND AND ITS INTERACTION WITH THE MAGNETOSPHERE.
N66-33419 4A S04 19 HC$ 2.00 MF$ 0.50

MAGNETRONS, MANUFACTURING METHODS
PRODUCTION ENGINEERING MEASURE FOR LOW FIELD MAGNETRON BL-234C.
AD-641 409 9A T66 24 HC$ 2.00 MF$ 0.50

MAGNETS, CRYOGENICS
A CRYOGENIC MAGNET SYSTEM FOR QUASI-CONTINUOUS OPERATION.
AD-641 919 9A T66 24 HC$ 1.00 MF$ 0.50

A 100 KILOGAUSS QUASI-CONTINUOUS CRYOGENIC SOLENOID. PART I.
AD-641 920 9A T66 24 HC$ 1.00 MF$ 0.50

MAINTAINABILITY, MILITARY REQUIREMENTS
MAINTAINABILITY DEMONSTRATION MIL-STD-471.
AD-641 365 5A T66 24 HC$ 1.00 MF$ 0.50

MANAGEMENT CONTROL SYSTEMS, NAVY
AUDIT RECOMMENDATIONS AND MANAGEMENT AUDITING A CASE STUDY AND SOME REMARKS.
AD-641 438 5A T66 24 HC$ 2.00 MF$ 0.50

MANAGEMENT ENGINEERING, DECISION MAKING
AUDIT RECOMMENDATIONS AND MANAGEMENT AUDITING A CASE STUDY AND SOME REMARKS.
AD-641 438 5A T66 24 HC$ 2.00 MF$ 0.50

MANAGEMENT ENGINEERING, GAME THEORY
SOME EFFECTS ON BUSINESS GAMING OF PREVIOUS QUASI-T GROUP AFFILIATIONS.
AD-641 652 5A T66 24 HC$ 1.00 MF$ 0.50

MANAGEMENT ENGINEERING, WAGES
THE WAGE SURVEY AS A MANAGERIAL TOOL.
AD-641 955 5A T66 24 HC$ 1.00 MF$ 0.50

MANAGEMENT PLANNING
THE TASK MANAGER.
N66-37813 9B S04 23 HC$ 1.00 MF$ 0.50

A MANAGEMENT PLAN FOR SYSTEMS ASSURANCE DURING PHASES A, B, C, AND D.
N66-38746 5A S04 23 HC$ 2.00 MF$ 0.50

MANAGEMENT PLANNING, FEDERAL BUDGETS
ORIGIN AND HISTORY OF PROGRAM BUDGETING.
AD-641 442 5A T66 24 HC$ 1.00 MF$ 0.50

MANEUVER
FIXED-BASE VISUAL-SIMULATION STUDY OF MANUALLY CONTROLLED TRANSLATION AND HOVER MANEUVERS OVER THE LUNAR SURFACE.
N66-38413 5H S04 23 HC$ 1.00 MF$ 0.50

MANGANESE COMPOUNDS, ABSORPTION SPECTRUM
FINE STRUCTURE IN THE ABSORPTION SPECTRA KMNF3 AND RBMNF3.
AD-641 915 20L T66 24 HC$ 1.00 MF$ 0.50

ABSORPTION SPECTRA OF MNF2 AND CAMNF3.
AD-641 917 20L T66 24 HC$ 1.00 MF$ 0.50

MAGNON SIDEBANDS IN CSMNF3.
AD-641 918 20L T66 24 HC$ 1.00 MF$ 0.50

MANGANESE COMPOUNDS, COMPLEX COMPOUNDS
FURTHER EVIDENCE FOR A MAGNETIC TRANSITION IN MNCL2. (NM2)2CS14.
AD-641 550 20L T66 24

MANNED ORBITAL RESEARCH LABORATORY (MORL)
EXPERIMENTAL STUDY OF DYNAMIC EFFECTS OF CREW MOTION IN A MANNED ORBITAL RESEARCH LABORATORY (MORL).
N66-38756 5H S04 23 HC$ 3.25 MF$ 1.25

MANNED SPACECRAFT
A SYSTEM FOR INERTIAL EXPERIMENT POINTING AND ATTITUDE CONTROL.
N66-32957 17G S04 19 HC$ 2.50 MF$ 0.75

FEASIBILITY STUDY OF FREEZE-OUT TECHNIQUES FOR CONTAMINANT CONTROL WITHIN MANNED SPACECRAFT ATMOSPHERES FINAL TECHNICAL REPORT, 11 OCT. 1965 - 11 APR. 1966.
N66-33198 5E S04 19 HC$ 5.00 MF$ 1.00

MANNED SPACECRAFT SYSTEMS COST MODEL, VOLUME II. SUMMARY REPORT, APR. 1965 - JUN. 1966.
N66-33490 22B S04 19 HC$ 2.50 MF$ 0.75

MANNED SPACECRAFT SYSTEMS COST MODEL, VOLUME III. TECHNICAL REPORT, APR. 1965 - JUN. 1966.
N66-33501 22B S04 19 HC$ 3.00 MF$ 1.00

MANNED SPACECRAFT, STRUCTURES
EXPANDABLE AND MODULAR STRUCTURES TECHNOLOGY FOR SUPPORT OF MANNED MISSIONS.
AD-641 903 22A T66 24 HC$ 1.00 MF$ 0.50

MANPOWER
DEMAND FOR ENGINEERS AND SCIENTISTS.
N66-38721 5I S04 23 HC$ 3.00 MF$ 0.75

MANUAL
EARTH-BASED TRACKING OF A LUNAR BEACON.

N66-38707 171 S04 23 HC$ 3.00 MF$ 0.75

MANUAL CONTROL
VISUAL SIMULATION OF LUNAR ORBIT ESTABLISHMENT USING A SIMPLIFIED GUIDANCE TECHNIQUE.
N66-33448 17G S04 19 HC$ 2.00 MF$ 0.50

FIXED-BASE VISUAL-SIMULATION STUDY OF MANUALLY CONTROLLED TRANSLATION AND HOVER MANEUVERS OVER THE LUNAR SURFACE.
N66-39413 9H S04 23 HC$ 1.00 MF$ 0.50

MANUFACTURING
RANGER BLOCK III ATTITUDE CONTROL SYSTEM - MANUFACTURING, TESTING, AND PERFORMANCE.
N66-38581 22B S04 23 HC$ 3.00 MF$ 0.75

MANUFACTURING METHODS, EXPLOSIVE MATERIALS
A STUDY OF MODERNIZED TECHNIQUES FOR THE MANUFACTURE OF BLACK POWDER.
AD-232 643 19A U41 24 HC$ 9.60

MAN-MACHINE SYSTEM
REMOTE MAN-MACHINE CONTROL SYSTEM EVALUATION FINAL REPORT.
N66-32800 9H S04 19 HC$ 3.75 MF$ 1.25

MAN-MACHINE SYSTEMS, SYSTEMS ENGINEERING
PROBLEMS OF SYSTEMS COORDINATION AND PLANS FOR DEALING WITH THEM.
AD-50 739 9H U41 24 HC$ 1.10

MAPPING(TRANSFORMATIONS), FUNCTIONAL ANALYSIS
REMARKS ON A GENERALIZATION OF BANACH S PRINCIPLE OF CONTRACTION MAPPINGS.
AD-641 530 12A T66 24

MAPPING(TRANSFORMATIONS), SET THEORY
AN ELEMENTARY THEORY OF THE CATEGORY OF SETS.
AD-641 629 12A T66 24

MAPPING, RADIOMETERS
GROUND-TRUTH RESEARCH FOR AN AIRBORNE MULTISENSOR SURVEY PROGRAM.
AD-641 894 8B T66 24 HC$ 3.00 MF$ 0.75

MAPS, SPACE ENVIRONMENTAL CONDITIONS
A COMPREHENSIVE MAP OF THE SPACE RADIATION ENVIRONMENT.
AD-641 509 3B T66 24 HC$ 6.00 MF$ 1.50

MAPS, TELEVISION DISPLAY SYSTEMS
STUDIES IN DISPLAY SYMBOL LEGIBILITY. PART XIV. THE LEGIBILITY OF MILITARY MAP SYMBOLS ON TELEVISION.
AD-641 658 9E T66 24 HC$ 2.00 MF$ 0.50

MARINE BIOLOGY, LIGHT TRANSMISSION
PLANKTON AND TURBIDITY.
AD-641 833 8A T66 24 HC$ 3.00 MF$ 0.75

MARINE GEOLOGY, BIBLIOGRAPHIES
SOVIET BOOKS AND PUBLICATIONS ON GEOLOGICAL AND CHEMICAL OCEANOGRAPHY, HYDROLOGY, AND OTHER SUBJECTS ACQUIRED DURING THE SECOND INTERNATIONAL OCEANOGRAPHIC CONGRESS, MOSCOW, JUNE 1966 TITLES AND SOME TRANSLATED CONTENTS AND NOTES.
AD-641 976 8J T66 24 HC$ 2.00 MF$ 0.50

MARINE PROPULSION, SHIPS
FOURTH SYMPOSIUM ON NAVAL HYDRODYNAMICS. PROPULSION HYDROELASTICITY, AUGUST 27-31, 1962, WASHINGTON, D. C..
AD-447 732 20D U41 24

MARINER IV SPACE PROBE
MARINER - JOURNEY AROUND THE SUN.
N66-38505 22A S04 23 HC$ 1.00 MF$ 0.50

MARINER PROGRAM
MARINER MARS 1964 PROJECT REPORT - MISSION AND SPACECRAFT DEVELOPMENT. VOLUME - I- APPENDIXES.
N66-33718 22B S04 19 HC$ 6.12 MF$ 6.54

SPACE PROGRAMS SUMMARY NO. 37-40, VOLUME VI FOR THE PERIOD MAY 1 TO JUNE 30, 1966. SPACE EXPLORATION PROGRAMS AND SPACE SCIENCES.
N66-38506 22B S04 23 HC$ 2.50 MF$ 0.75

MARKOV CHAIN
CHAIN SAMPLING INSPECTION PLANS - CHSP-0,4 AND CHSP-1, 4
TECHNICAL REPORT NO. N-24.
N66-37927 12A S04 23 HC$ 1.00 MF$ 0.50

MARS ATMOSPHERE
THE BLUE HAZE OF MARS.
N66-33414 3B S04 19 HC$ 1.00 MF$ 0.50

PHYSICS OF THE MOON AND THE PLANETS.
N66-33526 3B S04 19 HC$ 4.00 MF$ 1.00

MARS SPACECRAFT
REMOTE MAN-MACHINE CONTROL SYSTEM EVALUATION FINAL REPORT.
N66-32800 9H S04 19 HC$ 3.75 MF$ 1.25

MARS SURFACE
SOME COMMENTS ON THE THE COMPOSITION OF THE MARTIAN SURFACE BY R. A. VAN TASSEL AND J. W. SALISBURY.
N66-37812 3B S04 23 HC$ 1.00 MF$ 0.50

MARS (PLANET)
PLANETARY SPECTRA BY FOURIER SPECTROSCOPY. I - MARS.
N66-33778 3A S04 19 HC$ 2.50 MF$ 0.50

MARS(PLANET), RADIO ASTRONOMY
RADAR DOPPLER SPECTROSCOPY OF MARS. I. ELEVATION DIFFERENCES BETWEEN BRIGHT AND DARK AREAS.
PB-173 443 3B U41 24 HC$ 3.00 MF$ 0.75

MARTENSITE, IRON ALLOYS
TRANSFORMATION KINETICS, MICROPLASTICITY AND AGING OF MARTENSITE IN FE-31 NI.
AD-641 428 11F T66 24 HC$ 7.00 MF$ 1.50

MASER RESONATOR
OPTICAL MASER PHOTON RATE GYROSCOPE.
N66-33372 20E S04 19 HC$ 1.00 MF$ 0.50

MASERS, RUBIDIUM
RESEARCH INVESTIGATION DIRECTED TOWARD EXTENDING THE USEFUL RANGE OF THE ELECTROMAGNETIC SPECTRUM.
AD-457 119 20E U41 24 HC$ 7.60

MASS
A SYSTEM TO MEASURE THE MASS OF A PROJECTILE LAUNCHED FROM AN EXPLODING FOIL GUN FINAL REPORT.
N66-37644 14B S04 23 HC$ 2.50 MF$ 0.75

MASS SPECTROMETER
PLASMA BEAM CALIBRATION MASS SPECTROMETER.
N66-38363 20F S04 23 HC$ 2.00 MF$ 0.50

MASS SPECTROMETRY
SPUTTERING ION SOURCE STUDY PROGRAM, SECOND PHASE FINAL REPORT, 2 JAN. - 15 NOV. 1962.
N66-33448 20I S04 19 HC$ 2.00 MF$ 0.50

MASS SPECTROSCOPY, BORANES
ANALYSIS OF BORANES AND CARBORANES BY MASS SPECTROMETRY.
AD-641 578 7B T66 24 HC$ 2.00 MF$ 0.50

MATERIAL TESTING
STUDY OF HEAT SHIELDING REQUIREMENTS FOR MANNED MARS LANDING AND RETURN MISSIONS FINAL REPORT.
N66-32717 20M S04 19 HC$ 3.00 MF$ 0.75

MATERIALS SCIENCE
STRUCTURAL APPLICATIONS FOR ADVANCED COMPOSITE MATERIALS.
N66-33172 20K S04 19 HC$ 1.00 MF$ 0.50

THERMAL PROTECTION SYSTEMS. ASPECTS OF THERMAL PROTECTION OF INTEREST TO NASA AND THE RELATED MATERIALS R AND D REQUIREMENTS.
N66-33352 22B S04 19 HC$ 3.75 MF$ 1.25

SUMMARY OF MATERIALS TECHNOLOGY OF M-1 ENGINE.
N66-33977 13M S04 19 HC$ 2.50 MF$ 0.75

RESEARCH RELATED TO AN EXPERIMENTAL TEST OF GENERAL RELATIVITY SEMIANNUAL STATUS REPORT, 1 JAN. - 30 JUN. 1966.
N66-34067 20J S04 19 HC$ 2.00 MF$ 0.50

MATERIALS, EXPERIMENTAL DATA
COMPARISON OF AASHO AND TEXAS TEST METHODS AND SPECIFICATIONS FOR FLEXIBLE BASE MATERIALS.
PB-173 368 11G U41 24 HC$ 8.60 MF$ 0.75

MATERIALS, PHOTOELASTICITY
PHOTOELASTIC STUDIES OF DYNAMIC STRESSES IN HIGH MODULUS MATERIALS.
AD-641 984 20K T66 24

MATERIALS, SCIENTIFIC RESEARCH
MATERIALS SCIENCES PROGRAM.
AD-641 405 9A T66 24 HC$ 5.00 MF$ 1.00

MATERIALS, SOLID STATE PHYSICS
SOLID STATE RESEARCH.
AD-641 498 20L T66 24 HC$ 3.00 MF$ 0.75

MATHEMATICAL LOGIC, AUTOMATA
SYNTHESIS OF AUTOMATA BY DECOMPOSITION TECHNIQUES.
AD-641 672 9B T66 24 HC$ 1.00 MF$ 0.50

MATHEMATICAL MODEL
OPTIMUM SECONDARY IMPULSE FOR INTERPLANETARY TRANSFER TECHNICAL NOTE 64-21.
N66-32759 22C S04 19 HC$ 2.00 MF$ 0.50

SCOPE OF WORK FOR SCIENTIFIC AND TECHNICAL ASSISTANCE FOR THE PLANETARY QUARANTINE MISSION FIRST QUARTERLY REPORT, PERIOD ENDING JUN. 30, 1966.
N66-32760 22A S04 19 HC$ 1.00 MF$ 0.50

AN EXPERIMENTAL AND THEORETICAL INVESTIGATION OF THE THERMAL CONTACT RESISTANCE FINAL REPORT.
N66-32804 20M S04 19 HC$ 2.50 MF$ 0.75

CHARACTERIZATION OF TIME-VARYING HUMAN OPERATOR DYNAMICS.
N66-32959 5H S04 19 HC$ 3.00 MF$ 0.75

AN ASSEMBLY CONTAMINATION MODEL.
N66-32963 6T S04 19 HC$ 2.00 MF$ 0.50

A NEW APPROACH TO THE HOMOGENIZATION OF HETEROGENEOUS MEDIA FOR NEUTRON DIFFUSION CALCULATIONS.
N66-33373 7D S04 19 HC$ 3.00 MF$ 0.75

A DISTRIBUTED PARAMETERS MODEL FOR SOLAR CELLS.
N66-33403 10A S04 19 HC$ 1.00 MF$ 0.50

WHAT S IN THE BRAIN THAT INK MAY CHARACTER (QUES).
N66-33422 9F S04 19 HC$ 1.00 MF$ 0.50

STELLAR EVOLUTION - A SURVEY WITH ANALYTIC MODELS.
N66-33425 3B S04 19 HC$ 4.00 MF$ 1.00

MANNED SPACECRAFT SYSTEMS COST MODEL, VOLUME II. SUMMARY

REPORT, APR. 1965 - JUN. 1966.
N66-33498 22B S04 19 HC$ 2.50 MF$ 0.75

MANNED SPACECRAFT SYSTEMS COST MODEL, VOLUME I. CONDENSED SUMMARY REPORT, APR. 1965 - JUN. 1966.
N66-33497 22B S04 19 HC$ 2.00 MF$ 0.50

MANNED SPACECRAFT SYSTEMS COST MODEL, VOLUME III. TECHNICAL REPORT, APR. 1965 - JUN. 1966.
N66-33501 22B S04 19 HC$ 3.00 MF$ 1.00

FLOW FIELD COMPUTER PROGRAM FINAL REPORT.
N66-33713 20D S04 19 HC$ 2.50 MF$ 0.50

ON LARGE MODELS OF SYSTEMS.
N66-34069 5K S04 19 HC$ 1.00 MF$ 0.50

A STUDY OF MAN S PHYSICAL CAPABILITIES ON THE MOON, VOLUME II, PART 2 - BIOMECHANICS RESEARCH PROGRAM APPENDICES.
N66-35797 6B S04 23 HC$ 4.25 MF$ 2.00

MATHEMATICAL MODELS, MATHEMATICAL PREDICTION
DISCRETE MODELS FOR FORECASTING AND CONTROL.
AD-641 933 12B T66 24 HC$ 2.00 MF$ 0.50

MATHEMATICAL MODELS, MULTIVARIATE ANALYSIS
MULTIVARIATE PAIRED COMPARISONS.
AD-641 857 12A T66 24 HC$ 4.00 MF$ 0.75

MATHEMATICAL MODELS, WEATHER FORECASTING
PERFORMANCE OF THE 6-LAYER BAROCLINIC (PRIMITIVE EQUATION) MODEL.
PB-173 426 4B U41 24 HC$ 1.00 MF$ 0.50

MATHEMATICAL PREDICTION, POLYNOMIALS
OPTIMUM DESIGNS FOR POLYNOMIAL EXTRAPOLATION.
AD-641 679 12A T66 24

MATHEMATICAL STATISTICS
UNLIMITED SIMULTANEOUS DISCRIMINATION INTERVALS IN REGRESSION TECHNICAL REPORT NO. 90.
N66-33401 12A S04 19 HC$ 2.00 MF$ 0.50

MATHEMATICS
VAPOUR CONCENTRATIONS AND DOSES DOWNWIND FROM A TERRAIN, CONTAMINATED WITH A PERSISTENT AGENT.
N66-33347 13B S04 23 HC$ 1.00 MF$ 0.50

DEMAND FOR ENGINEERS AND SCIENTISTS.
N66-33721 5I S04 23 HC$ 3.00 MF$ 0.75

UNCLASSIFIED INFORMATION LIST, 12-16 SEPTEMBER 1966.
N66-33726 5B S04 23 HC$ 1.00 MF$ 0.50

MATHEMATICS, PERIODICALS
JOURNAL OF THE SOCIETY FOR INDUSTRIAL AND APPLIED MATHEMATICS. SERIES A CONTROL, VOL. 3, NO. 2.
AD-641 628 12A T66 24

MATRIX ALGEBRA
THE MEASUREMENT OF PROGRAM LOOPING SPEED IN DIGITAL COMPUTERS THROUGH MATRIX INVERSION BY PARTITIONING.
N66-33720 9B S04 23 HC$ 3.00 MF$ 0.75

MATRIX ALGEBRA, ALGORITHMS
AN ALGORITHM FOR CLASSIFYING ERGODIC MATRICES.
AD-641 322 12A T66 24 HC$ 1.00 MF$ 0.50

MATRIX ALGEBRA, DIFFERENTIAL EQUATIONS
A CLASS OF MONOTONE RICCATI MATRIX DIFFERENTIAL OPERATORS.
AD-641 702 12A T66 24

MATRIX ALGEBRA, INEQUALITIES
A SUBDETERMINANT INEQUALITY.
AD-641 554 12A T66 24

MATRIX ANALYSIS
LARGE DEFLECTION AND STABILITY ANALYSIS BY THE DIRECT STIFFNESS METHOD.
N66-32725 20K S04 19 HC$ 2.00 MF$ 0.50

CALCULATION OF FUNCTIONALS OF MATRICES ARISING IN SOLID STATE PHYSICS AND QUANTUM CHEMISTRY.
N66-33491 20B S04 19 HC$ 3.75 MF$ 1.50

MAXWELL DISTRIBUTION
STEADY-STATE COMPOSITION OF A LOW-DENSITY NONEQUILIBRIUM HYDROGEN PLASMA.
N66-35137 20I S04 23 HC$ 1.00 MF$ 0.50

MEASURE THEORY, ALGEBRAS
MEASURE ALGEBRAS AND SPECTRAL REPRESENTATIONS.
AD-641 576 12A T66 24 HC$ 2.00 MF$ 0.50

MEASURE THEORY, DISTRIBUTION FUNCTIONS
ESTIMATION OF NON-UNIQUE QUANTILES.
AD-641 534 12A T66 24

MEASURE THEORY, MATRIX ALGEBRA
AN ALGORITHM FOR CLASSIFYING ERGODIC MATRICES.
AD-641 322 12A T66 24 HC$ 1.00 MF$ 0.50

MEASURING APPARATUS
MODIFIED TECHNIQUE FOR MEASURING DIELECTRIC CONSTANTS USING A RECTANGULAR CAVITY RESONATOR.
N66-33393 9C S04 19 HC$ 3.00 MF$ 0.50

AN ORBITING DENSITY MEASURING INSTRUMENT.
N66-33539 14B S04 19 HC$ 2.50 MF$ 0.50

A SYSTEM TO MEASURE THE MASS OF A PROJECTILE LAUNCHED FROM AN EXPLODING FOIL GUN FINAL REPORT.
N66-37644 14B S04 23 HC$ 2.50 MF$ 0.75

PROCEEDINGS OF CONFERENCE ON THERMAL JOINT CONDUCTANCE.
N66-37886 20M S04 23 HC$ 4.00 MF$ 1.00

MECHANICAL DRAWING
HIGH SHOCK FM TRANSMITTER.
N66-33974 9F S04 19 HC$ 2.00 MF$ 0.50

MECHANICAL ORGANS, IMPLANTS
SIX STUDIES BASIC TO CONSIDERATION OF THE ARTIFICIAL HEART PROGRAM.
PB-173 483 6E U41 24 HC$ 3.00 MF$ 0.75

MECHANICAL PROPERTIES, STEEL
EFFECT OF STRAIN RATE ON THE YIELD STRESS OF STRUCTURAL STEELS.
PB-173 413 11F U41 24 HC$ 1.00 MF$ 0.50

MECHANICAL PROPERTY
INVESTIGATION OF MECHANICAL PROPERTIES OF CHROMIUM, CHROMIUM RHENIUM, AND DERIVED ALLOYS TWENTY-THIRD QUARTERLY PROGRESS REPORT, OCT. 1, 1965 - MAR. 31, 1966.
N66-33432 11F S04 19 HC$ 1.00 MF$ 0.50

INVESTIGATIONS OF EFFECT OF INTERSTITIAL IMPURITIES ON THE STRUCTURE AND PROPERTIES OF TUNGSTEN SINGLE CRYSTALS.
N66-33722 11F S04 19 HC$ 1.00 MF$ 0.50

DUCTILITY LIMITATIONS OF ALUMINUM-SILICON ALLOYS.
N66-38791 11F S04 23 HC$ 2.00 MF$ 0.50

MECHANICAL WAVES, ELASTICITY
THEORETICAL AND EXPERIMENTAL PROPAGATION OF ELASTIC WAVES IN AN AIR-FLUID-SOLID AND IN AN AIR-FLUID-SOLID-SOLID SYSTEM.
AD-454 575 17A U41 24 HC$ 2.00

MECHANICAL WAVES, LIQUIDS
WAVES IN FLUID-FILLED ELASTIC TUBES.
PB-173 453 20D U41 24 HC$ 3.00 MF$ 0.75

MEMBRANE THEORY
A THEORY FOR MOLECULAR TRANSPORT PHENOMENA THROUGH THIN MEMBRANES.
N66-37825 6A S04 23 HC$ 5.00 MF$ 0.75

MEMORY
ASSOCIATIVE RETRIEVAL BY DYNAMIC TRANSFORMS.
N66-33416 5B S04 19 HC$ 1.00 MF$ 0.50

MEMORY, SEMANTICS
SEMANTIC MEMORY.
AD-641 671 6D T66 24 HC$ 6.00 MF$ 1.25

MERCURY ALLOYS, SUPERCONDUCTIVITY
SUPERCONDUCTING TRANSITION TEMPERATURES OF MERCURY-ALKALINE EARTH METAL COMPOUNDS.
AD-641 799 20C T66 24

SUPERCONDUCTIVITY IN THE ALLOY SYSTEM CADMIUM-MERCURY AND THE EFFECT OF ORDERING UPON SUPERCONDUCTIVITY.
AD-641 802 20C T66 24

MERCURY ALLOYS, TRANSFORMATIONS
ORDER-DISORDER TRANSFORMATIONS AT 2 1 COMPOSITION IN THE CADMIUM-MERCURY SYSTEM.
AD-641 798 20B T66 24

MERCURY (METAL)
ADSORPTION BEHAVIOR OF ORGANIC COMPOUNDS.
N66-33766 7C S04 19 HC$ 2.00 MF$ 0.50

MESON CAPTURE, HYPERONS
HIGH ENERGY PHYSICS WITH EMPHASIS ON STRANGE PARTICLES.
AD-641 991 20H T66 24 HC$ 3.00 MF$ 0.75

MESON REACTIONS, DECAY SCHEMES
ETUDE DU SYSTEME ANTI-K, PION DANS LES ETATS FINALS A 3 CORPS, PRODUITS PAR LES INTERACTIONS K-P A 3 GEV/C (STUDY OF THE ANTI-K, PION SYSTEM IN THE 3 BODIES FINAL STATES, PRODUCED BY 3 GEV/C K-P INTERACTIONS).
PB-173 393 20H U41 24 HC$ 3.00 MF$ 0.75

MESON REACTIONS, NUCLEI
EXCHANGE MAGNETIC MOMENT IN THREE-BODY NUCLEI (II).
AD-641 767 20H T66 24

EXCHANGE MAGNETIC MOMENT IN THREE-BODY NUCLEI (I).
AD-641 768 20H T66 24

MESONS, WAVE FUNCTIONS
V(THETA)-BOUND STATE AND UNIQUENESS IN THE THREE-PARTICLE SECTOR OF THE LEE MODEL.
AD-641 622 20J T66 24

MESON-NUCLEON INTERACTION
INTERMEDIATE ENERGY PHYSICS, VOLUME I.
N66-32726 20H S04 19 HC$ 5.65 MF$ 2.50

INTERMEDIATE ENERGY PHYSICS, VOLUME II.
N66-32766 20H S04 19 HC$ 4.25 MF$ 2.00

METABOLISM
LIFE DETECTION SUBSYSTEM PROGRESS REPORT NO. 1.
N66-33444 6P S04 19 HC$ 3.00 MF$ 0.50

METAL
A STUDY OF THE ADHESION AND COHESION OF METALS FOURTH QUARTERLY PROGRESS REPORT, 9 MAR. - 9 JUN. 1966.
N66-32795 11F S04 19 HC$ 1.00 MF$ 0.50

METAL BONDING
ADHESION BETWEEN ATOMICALLY PURE METALLIC SURFACES, PART IV SEMIANNUAL REPORT.
N66-32805 11F S04 19 HC$ 2.00 MF$ 0.50

METAL CARBIDE
GRAPHITE-METAL COMPOSITES FINAL REPORT, 1 AUG. 1965 - 31 JUL. 1966.
N66-34066 13H S04 19 HC$ 4.00 MF$ 0.75

METAL FATIGUE
REPORTS AND TRANSACTIONS, VOLUME XXXI.
N66-33427 11F S04 19 HC$ 4.00 MF$ 1.00

METAL FILM
POLARIZERS FOR THE EXTREME ULTRAVIOLET.
N66-33377 20F S04 19 HC$ 1.00 MF$ 0.50

METAL FILMS, SUPERCONDUCTIVITY
STUDIES OF FILMS IN THE SUPERCONDUCTIVE AND NORMAL PHASES.
AD-641 992 20C T66 24 HC$ 1.00 MF$ 0.50

METAL JOINT
STATE-OF-THE-ART SURVEY OF DISSIMILAR METAL JOINING BY SOLID STATE WELDING.
N66-32787 13H S04 19 HC$ 2.00 MF$ 0.50

PROCEEDINGS OF CONFERENCE ON THERMAL JOINT CONDUCTANCE.
N66-37886 20M S04 23 HC$ 4.00 MF$ 1.00

METAL OXIDE SEMICONDUCTOR (MOS)
MICROELECTRONICS RESEARCH ON SILICON-SILICON OXIDE STRUCTURES AND INTERFACES QUARTERLY REPORT NO. 2, 1 SEP. - 30 NOV. 1964.
N66-33170 9A S04 19 HC$ 4.00 MF$ 0.75

METAL PLATES, FATIGUE(MECHANICS)
FATIGUE OF PLATES AND WELDMENTS IN HY-100 AND HY-130/150 STEELS.
AD-480 195 20K U41 24 HC$ 4.00 MF$ 0.75

METAL POISONING, BRAIN
LEAD ENCEPHALOPATHY.
AD-641 838 6E T66 24

METAL SURFACE
HEAT TRANSFER ACROSS SURFACES IN CONTACT - PRACTICAL EFFECTS OF TRANSIENT TEMPERATURE AND PRESSURE ENVIRONMENTS SEMIANNUAL REPORT, 1 OCT. 1965 - 1 APR. 1966.
N66-32762 20M S04 19 HC$ 2.00 MF$ 0.50

ADHESION BETWEEN ATOMICALLY PURE METALLIC SURFACES, PART IV SEMIANNUAL REPORT.
N66-32805 11F S04 19 HC$ 2.00 MF$ 0.50

METALLOGRAPHY
METALLOGRAPHIC STUDY OF DISPERSION- STRENGTHENED ALLOYS AFTER FAILURE IN STRESS RUPTURE.
N66-33019 11F S04 19 HC$ 2.00 MF$ 0.50

METALORGANIC COMPOUNDS, CHELATE COMPOUNDS
A STUDY OF ORGANOMETALLIC-CHELATE COMPOUNDS.
AD-641 605 7B T66 24 HC$ 1.00 MF$ 0.50

METALS, RESISTANCE(ELECTRICAL)
ELECTRICAL RESISTIVITY OF THE SIMPLE METALS.
AD-641 492 20C T66 24

METEOR SHOWER
THE BLUE HAZE OF MARS.
N66-33414 3B S04 19 HC$ 1.00 MF$ 0.50

METEORITIC COMPOSITION
COSMOGENIC RADIOACTIVITIES IN THE PEACE RIVER AND MARLETON CHONDRITES.
N66-33412 8G S04 19 HC$ 1.00 MF$ 0.50

METEORITIC, SOLAR, AND TERRESTRIAL RARE-EARTH DISTRIBUTION.
N66-34044 8D S04 19 HC$ 6.00 MF$ 1.50

METEOROLOGICAL CHARTS, ATMOSPHERIC TEMPERATURE
THETA PRIME CHART.
AD-641 988 4B T66 24 HC$ 1.00 MF$ 0.50

METEOROLOGICAL FLIGHT
METEOROLOGICAL DATA REPORT, AEROBEE NASA 4.106 NP (9 MAY 1966).
N66-33391 4B S04 19 HC$ 2.00 MF$ 0.50

METEOROLOGICAL INSTRUMENTS, INFRARED DETECTORS
INFRARED CLOUD COVER DETECTOR.
PB-173 427 4B U41 24 HC$ 3.00 MF$ 0.75

METEOROLOGICAL PARAMETERS, NEW MEXICO
WIND AND TEMPERATURE DATA FOR THE FIRST 62 METERS OF THE BOUNDARY LAYER AT WHITE SANDS MISSILE RANGE.
AD-641 579 4B T66 24 HC$ 2.00 MF$ 0.50

METEOROLOGICAL PARAMETERS, TELEVISION DISPLAY SYSTEMS
STUDIES OF DISPLAY SYMBOL LEGIBILITY. PART XV. RELATIVE LEGIBILITY OF LEROY AND TELETYPEWRITER SYMBOLS.
AD-641 926 5E T66 24 HC$ 3.00 MF$ 0.75

METEOROLOGICAL PARAMETERS, TROPICAL CYCLONES
METEOROLOGICAL VARIABLES CRITICAL TO GEOMETRY OF HURRICANE SPIRAL BANDS.
PB-173 433 4B U41 24 HC$ 3.00 MF$ 0.75

METEOROLOGICAL SATELLITES, TELEVISION COMMUNICATION SYSTEMS
LINE SCAN TELEVISION FOR EARTH OBSERVATION SATELLITES.
AD-641 581 17B T66 24 HC$ 2.00 MF$ 0.50

METEOROLOGICAL SERVICE
VERIFICATION OF OBJECTIVE FORECASTS AT THE CENTRAL ANALYSIS OFFICE OF THE METEOROLOGICAL SERVICE OF CANADA.
N66-33285 4B S04 19 HC$ 2.00 MF$ 0.50

METEOROLOGY
METEOROLOGICAL CONSIDERATIONS IN THE HANDLING OF A MIXTURE OF LIQUID FLUORINE AND LIQUID OXYGEN.
N66-33760 4B S04 19 HC$ 2.00 MF$ 0.50

MESOMETEOROLOGY AND THE POSSIBILITIES OF FORECASTING LOCAL WEATHER.
N66-38715 4B S04 23 HC$ 1.00 MF$ 0.50

METEORS, RADAR TRACKING
AN UNATTENDED METEOR TRAIL HIGH ALTITUDE WIND AND DENSITY MEASURING SET.
AD-482 811 3B U41 24 HC$ 2.00 MF$ 0.50

METHANE
THERMODYNAMIC, TRANSPORT, AND FLOW PROPERTIES FOR THE PRODUCTS OF METHANE BURNED IN OXYGEN-ENRICHED AIR.
N66-37802 21B S04 23 HC$ 2.50 MF$ 0.75

MEXICO GULF, OCEANOLOGY
OCEANOGRAPHY OF THE GULF OF MEXICO.
AD-641 364 8J T66 24 HC$ 3.00 MF$ 0.75

MICA, CRYSTAL STRUCTURE
RELATION OF MECHANICAL PROPERTIES TO THE STRUCTURE OF IONIC SOLIDS.
AD-641 911 11B T66 24 HC$ 2.00 MF$ 0.50

MICROANALYSIS
OVERLAY COPY TECHNIQUE TO PROVIDE HIGH-CONTRAST ELECTRON MICROGRAPHS FOR AUTOMATIC METALLOGRAPHIC ANALYSIS.
N66-37681 14B S04 23 HC$ 1.00 MF$ 0.50

MICROBIOLOGY
INVESTIGATION OF THE RELIABILITY OF STERILE INSERTION TECHNIQUES FOR SPACECRAFT MONTHLY LETTER REPORT, 23 JUN. - 23 JUL. 1966.
N66-32965 13H S04 19 HC$ 2.00 MF$ 0.50

MICROCIRCUIT
ELECTRONIC PACKAGING - A BIBLIOGRAPHY.
N66-33390 9A S04 19 HC$ 3.00 MF$ 0.75

MICROELECTRONICS
MICROELECTRONICS RESEARCH ON SILICON-SILICON OXIDE STRUCTURES AND INTERFACES QUARTERLY REPORT NO. 2, 1 SEP. - 30 NOV. 1964.
N66-33170 9A S04 19 HC$ 4.00 MF$ 0.75

MICROMETEOROLOGY, PLANTS(BOTANY)
INVESTIGATION OF ENERGY AND MASS TRANSFERS NEAR THE GROUND INCLUDING THE INFLUENCES OF THE SOIL-PLANT-ATMOSPHERE SYSTEM.
AD-268 695 2C U41 24 HC$ 17.10

MICROMETERS, MEDICAL EQUIPMENT
A SIMPLE PORTABLE SONOMICROMETER.
AD-641 571 6L T66 24 HC$ 1.00 MF$ 0.50

MICROMINIATURIZATION(ELECTRONICS), TUNED CIRCUITS
PROPOSED ADJUSTABLE TUNED CIRCUITS FOR MICROELECTRONIC STRUCTURES.
AD-641 473 9E T66 24

MICROMINIATURIZED ELECTRONIC EQUIPMENT
STUDY OF FAILURE AND RELIABILITY IN MICROELECTRONIC DEVICES THIRD QUARTERLY REPORT.
N66-32763 9A S04 19 HC$ 2.00 MF$ 0.50

STUDY OF FAILURE AND RELIABILITY IN MICROELECTRONICS DEVICES SECOND QUARTERLY REPORT.
N66-32765 9A S04 19 HC$ 2.00 MF$ 0.50

MICROORGANISMS, FLUORESCENCE
DIRECT FLUORESCENT LABELING OF MICROORGANISMS AS A POSSIBLE LIFE-DETECTION TECHNIQUE.
AD-641 936 6M T66 24

MICROORGANISMS, UPPER ATMOSPHERE
MICROORGANISMS OF THE UPPER ATMOSPHERE. IV. MICROORGANISMS OF A LAND AIR MASS AS IT TRAVERSES AN OCEAN.
AD-641 821 6M T66 24

MICROORGANISMS OF THE UPPER ATMOSPHERE. II. MICROORGANISMS IN TWO TYPES OF AIR MASSES AT 690 METERS OVER A CITY.
AD-641 823 6M T66 24

MICROORGANISMS OF THE UPPER ATMOSPHERE. I. INSTRUMENTATION FOR ISOKINETIC AIR SAMPLING AT ALTITUDE.
AD-641 825 6M T66 24

MICROSTRUCTURE
METALLOGRAPHIC STUDY OF DISPERSION- STHENGTHENED ALLOYS AFTER FAILURE IN STRESS RUPTURE.
N66-33019 11F S04 19 HC$ 2.00 MF$ 0.50

OVERLAY COPY TECHNIQUE TO PROVIDE HIGH-CONTRAST ELECTRON MICROGRAPHS FOR AUTOMATIC METALLOGRAPHIC ANALYSIS.
N66-37681 14B S04 23 HC$ 1.00 MF$ 0.50

DUCTILITY LIMITATIONS OF ALUMINUM-SILICON ALLOYS.
N66-38791 11F S04 23 HC$ 2.00 MF$ 0.50

MICROWAVE APPARATUS

LIQUID-HYDROGEN DENSITY MEASUREMENTS USING AN OPEN-ENDED MICROWAVE CAVITY.
N66-38144 20M S04 23 MC$ 1.00 MF$ 0.50

MICROWAVES, PLASMA MEDIUM
INTERACTION OF MICROWAVES WITH AN INHOMOGENEOUS AND ANISOTROPIC PLASMA COLUMN,
AD-641 726 20I T66 24

MILITARY FACILITIES, URBAN PLANNING
THE IMPACT OF LARGE INSTALLATIONS ON NEARBY AREAS,
AD-641 925 13B T66 24 MC$ 9.65 MF$ 2.75

MILITARY INTELLIGENCE, DECISION MAKING
GENERATING RANDOM INFORMATION FOR EXPERIMENTAL DECISION PROBLEMS.
AD-641 327 15D T66 24 MC$ 2.00 MF$ 0.50

MILITARY ORGANIZATIONS, ECONOMICS
AN ECONOMIC THEORY OF ALLIANCES,
AD-641 855 9C T66 24 MC$ 2.00 MF$ 0.50

MILITARY PERSONNEL, PERFORMANCE(HUMAN)
A STUDY OF CATEGORY IV PERSONNEL IN BASIC TRAINING.
AD-481 737 5I U41 24 MC$ 2.00 MF$ 0.50

MILITARY REQUIREMENTS, TEXTILES
POINT SYSTEM FOR EVALUATING QUALITY IN TEXTILES.
AD-641 496 11E T66 24 MC$ 4.00 MF$ 0.75

MILITARY SATELLITES, COMMUNICATION SATELLITES(ACTIVE)
MULTIPLE ACCESS TO A COMMUNICATION SATELLITE WITH A HARD-LIMITING REPEATER,
AD-465 789 22B U41 24 MC$ 6.00 MF$ 1.50

MINERALS, INFRARED SPECTROSCOPY
A MINERAL TRANSITION IN ATMOSPHERIC DUST TRANSPORT,
AD-641 706 8G T66 24 MC$ 2.00 MF$ 0.50

MINERALS, SYNTHESIS(CHEMISTRY)
SYNTHESIS AND OPTICAL PROPERTIES OF FORSTERITE.
AD-641 363 20L T66 24 MC$ 5.00 MF$ 1.00

MISSILE
EFFECTS OF WING-FUSELAGE FLOW FIELDS ON MISSILE LOADS AT SUBSONIC SPEEDS.
N66-33314 1B S04 19 MC$ 1.00 MF$ 0.50

MISSION PLANNING
MARINER MARS 1964 PROJECT REPORT - MISSION AND SPACECRAFT DEVELOPMENT. VOLUME - I- APPENDIXES.
N66-33718 22B S04 19 MC$ 6.12 MF$ 6.54

MISSISSIPPI, CIVIL ENGINEERING
A STUDY OF AN EXPERIMENTAL CONTINUOUSLY REINFORCED CONCRETE PAVEMENT, INTERSTATE NO. 59, JONES COUNTY, MISSISSIPPI.
PB-173 404 13B U41 24 MC$ 5.00 MF$ 1.00

MITOCHONDRIA, LUMINESCENCE
ULTRA-WEAK LUMINESCENCE AND OXIDATIVE PHOSPHORYLATION IN MITOCHONDRIA,
AD-641 425 6A T66 24 MC$ 1.00 MF$ 0.50

MIXED FLOW
ANALYTICAL AND EXPERIMENTAL STUDY OF ALTITUDE COMPENSATION OF A ROCKET BY SECONDARY INJECTION.
N66-33496 21M S04 19 MC$ 2.50 MF$ 0.75

MIXERS(ELECTRONICS), SIGNAL-TO-NOISE RATIO
SIGNAL ENHANCEMENT TECHNIQUES.
AD-641 413 9E T66 24 MC$ 3.00 MF$ 0.75

MIYAGAWANELLA PSITTACI, PURIFICATION
A PRACTICAL METHOD FOR PARTIAL PURIFICATION OF THE ORGANISM OF PSITTACOSIS GROWN IN CHICKEN EMBRYO YOLK SAC.
AD-641 948 6M T66 24

MODE OF VIBRATION
AN EXPERIMENTAL AND ANALYTICAL STUDY OF THE LONGITUDINAL VIBRATION OF A SIMPLIFIED THOR VEHICLE STRUCTURE.
N66-39140 22D S04 23 MC$ 2.00 MF$ 0.50

MODEL TESTS, HELICOPTER ROTORS
EXPERIMENTAL AND THEORETICAL INVESTIGATION OF THE FLUTTER CHARACTERISTICS OF A MODEL HELLICOPTER ROTOR BLADE IN FORWARD FLIGHT,
AD-279 107 1A U41 24 MC$ 7.60

MODULAR SPACE CONSTRUCTION, STATE-OF-THE-ART REVIEWS
EXPANDABLE AND MODULAR STRUCTURES TECHNOLOGY FOR SUPPORT OF MANNED MISSIONS,
AD-641 903 22A T66 24 MC$ 1.00 MF$ 0.50

MOISTURE
RELATIONSHIPS BETWEEN TROPICAL PRECIPITATION AND KINEMATIC CLOUD MODELS FINAL TECHNICAL REPORT, 15 AUG. 1965 - 14 FEB. 1966.
N66-39328 4A S04 23 MC$ 2.00 MF$ 0.50

MOLD
THE INFLUENCE OF LOW TEMPERATURE ON THE DEVELOPMENT OF MICROORGANISMS. PART IV - THE INFLUENCE OF LOW TEMPERATURE ON THE GROWTH OF MOLDS.
N66-33699 6H S04 19 MC$ 1.00 MF$ 0.50

MOLDING, LOW-TEMPERATURE ALLOYS
USE OF LOW-MELTING METAL ALLOYS FOR CASTING AND TRANSFER MOLDING OF HOLLOW PLASTIC SPHERES,
AD-641 974 13H T66 24 MC$ 1.00 MF$ 0.50

MOLDING, PLASTICS
USE OF LOW-MELTING METAL ALLOYS FOR CASTING AND TRANSFER MOLDING OF HOLLOW PLASTIC SPHERES,
AD-641 974 13H T66 24 MC$ 1.00 MF$ 0.50

MOLECULAR ASSOCIATION, INFRARED SPECTROSCOPY
ETUDE COMPAREE PAR SPECTROMETRIE INFRA-ROUGE DU COMPORTEMENT DE GROUPEMENTS Y-H ET Y-D. FREQUENCES DE VALENCE ET CONSTANTES D ASSOCIATION MOLECULAIRE (COMPARATIVE STUDY OF INFRA-RED SPECTROMETRY OF THE BEHAVIOUR OF Y-H AND Y-D GROUPS, VALENCIES FREQUENCY AND MOLECULAR ASSOCIATION CONSTANTS).
PB-173 383 7D U41 24 MC$ 4.00 MF$ 0.75

MOLECULAR ASSOCIATION, THERMODYNAMICS
PROPERTIES OF LATTICE AND CONTINUUM VAN DER WAALS FLUIDS AT THE CRITICAL POINT,
AD-641 633 20M T66 24

MOLECULAR BEAMS, FREQUENCY SHIFT
ON THE NATURAL SHIFT OF A RESONANCE FREQUENCY,
NBS-TN-346 7D U41 24 MC$ 0.25 MF$ 0.50

MOLECULAR BEAMS, INSTRUMENTATION
DESCRIPTION AND PERFORMANCE OF A MOLECULAR BEAM CHAMBER USED FOR CRYOPUMPING AND ADSORPTION PUMPING STUDIES,
AD-641 388 14B T66 24 MC$ 2.00 MF$ 0.50

MOLECULAR COLLISION
COLLISION INTEGRALS FOR THE EXPONENTIAL ATTRACTIVE POTENTIAL.
N66-33415 20M S04 19 MC$ 1.00 MF$ 0.50

MOLECULAR DIFFUSION
A THEORY FOR MOLECULAR TRANSPORT PHENOMENA THROUGH THIN MEMBRANES.
N66-37825 6A S04 23 MC$ 5.00 MF$ 0.75

INVESTIGATION OF SOLUBILITY AND DIFFUSION OF OXYGEN IN REFRACTORY METALS SECOND QUARTERLY REPORT, 1 OCT. - 31 DEC. 1965.
N66-38755 11F S04 23 MC$ 2.00 MF$ 0.50

MOLECULAR ENERGY LEVELS, GASES
POPULATION INVERSION IN ADIABATIC EXPANSION OF A GAS MIXTURE,
AD-641 863 7D T66 24 MC$ 1.00 MF$ 0.50

MOLECULAR INTERACTION
ABSORPTION SPECTRUM OF THE NO MOLECULE. V - SURVEY OF EXCITED STATES AND THEIR INTERACTIONS.
N66-33367 7D S04 19 MC$ 2.00 MF$ 0.50

MOLECULAR ION
PLASMA BEAM CALIBRATION MASS SPECTROMETER.
N66-38363 20F S04 23 MC$ 2.00 MF$ 0.50

MOLECULAR ORBITALS, CHLORIDES
TEMPERATURE DEPENDENCE OF CHLORINE NQR FREQUENCIES AND PI BONDING,
AD-641 544 7D T66 24

MOLECULAR SPECTROSCOPY, UPPER ATMOSPHERE
ALO RESONANT SPECTRUM FOR UPPER ATMOSPHERE TEMPERATURE DETERMINATION.
AD-641 359 4A T66 24 MC$ 2.00 MF$ 0.50

MOLECULAR WEIGHT, MEASUREMENT
ULTRACENTRIFUGE STUDIES WITH ABSORPTION OPTICS. IV. MOLECULAR WEIGHT DETERMINATIONS AT THE MICROGRAM LEVEL.
AD-641 831 6A T66 24

MOLLUSCA, NERVE CELLS
IONIC MECHANISM ASSOCIATED WITH NONCHOLINERGIC SYNAPTIC INHIBITION IN MOLLUSCAN NEURONS.
AD-641 885 6P T66 24

MOLYBDENUM
EASY GLIDE IN MOLYBDENUM CRYSTALS.
N66-33484 11F S04 19 MC$ 1.00 MF$ 0.50

THE EFFECTS OF DEFORMATION ON THE ELECTRICAL RESISTIVITY OF MOLYBDENUM SINGLE CRYSTALS.
N66-33405 11F S04 19 MC$ 2.00 MF$ 0.50

DIFFUSION OF URANIUM IN MOLYBDENUM, NIOBIUM, ZIRCONIUM, AND TITANIUM.
N66-33719 7B S04 19 MC$ 1.00 MF$ 0.50

MOLYBDENUM ALLOY
ADVANCED REFRACTORY ALLOY CORROSION LOOP PROGRAM QUARTERLY PROGRESS REPORT NO. 4, JAN. 15 - APR. 15, 1966.
N66-33976 11F S04 19 MC$ 2.00 MF$ 0.50

MOLYBDENUM ALLOYS, CORROSION RESISTANCE
INVESTIGATION OF THE OXIDATION RESISTANCE OF ZIRCONIUM BORIDE-MOLYBDENUM DISILICIDE ALLOYS.
AD-641 938 11F T66 24 MC$ 1.00 MF$ 0.50

MOLYBDENUM COMPOUNDS, PHYSICAL PROPERTIES
MAGNETIC AND CALORIC PROPERTIES OF K3MOCL6,
AD-641 549 20L T66 24

MONATOMIC GAS
ON THE QUESTION OF CALCULATION OF RADIATION IN ONE-DIMENSIONAL MOVEMENT OF MONATOMIC GAS.
N66-33980 20D S04 19 MC$ 3.00 MF$ 1.00

MONITOR
NASA CONTRIBUTIONS TO - CARDIOVASCULAR MONITORING.
N66-32925 6B S04 19 MC$ 2.00 MF$ 0.50

STUDY OF CONTAMINATION SENSORS, VOLUME II - FINAL TECHNICAL REPORT.
N66-37943 14B S04 23 HC$ 7.00 MF$ 2.00

STUDY OF CONTAMINATION SENSORS, VOLUME I - EXECUTIVE SUMMARY REPORT.
N66-37944 14B S04 23 HC$ 2.00 MF$ 0.50

MONKEY
THE ELECTROENCEPHALOGRAM OF THE SQUIRREL MONKEY (SAIMIRI SCIUREUS) IN A VERY HIGH MAGNETIC FIELD.
N66-38729 6S S04 23 HC$ 1.00 MF$ 0.50

N66-38793 6C S04 23 HC$ 1.00 MF$ 0.50

MOON
LUNAR STRUCTURES AS DEDUCED FROM MUONG NONG TEKTITES.
N66-32956 3B S04 19 HC$ 1.00 MF$ 0.50

COMMUNICATIONS OF THE LUNAR AND PLANETARY LABORATORY, VOLUME 5, PART 1, NUMBER 70.
N66-38712 3B S04 23 HC$ 4.00 MF$ 1.25

MOON, REFLECTION
IONOSPHERIC RESEARCH.
AD-641 793 4A T66 24 HC$ 2.00 MF$ 0.50

MOON, TERRESTRIAL MAGNETISM
THREE PEAKS NEAR 27 DAYS IN A HIGH-RESOLUTION SPECTRUM OF THE INTERNATIONAL MAGNETIC CHARACTER FIGURE, CI.
AD-641 350 8N T66 24

MOON, X RAYS
DETECTABILITY OF LUNAR X-RAYS.
AD-641 543 3B T66 24

MORPHOLOGY
SIMULATION OF ORGANISMIC MORPHOLOGY AND BEHAVIOR BY SYNTHETIC POLY-ALPHA-AMINO ACIDS.
N66-37894 6A S04 23 HC$ 1.00 MF$ 0.50

MOSSBAUER EFFECT, GAMMA RAYS
RELAXATION NARROWING OF MOSSBAUER GAMMA RAYS.
AD-641 764 28H T66 24

MOSSBAUER EFFECT, IRON
INTERNAL FIELD OF FE57 IN NICKEL FROM 77K TO THE CURIE POINT.
AD-641 763 28L T66 24

MOSSBAUER EFFECT, MEASUREMENT
F MEASUREMENTS WITH BLACK ABSORBERS.
AD-641 765 18H T66 24

MOTION EQUATION
DETERMINATION OF ORBIT OF A SPACECRAFT WITH RESPECT TO AN OBJECT IN A KNOWN CIRCULAR ORBIT.
N66-33016 22C S04 19 HC$ 2.00 MF$ 0.50

AN APPLICATION OF GROUP THEORY TO THE NUMERICAL INTEGRATION OF THE EQUATIONS OF MOTION OF A CONSERVATIVE DYNAMICAL SYSTEM.
N66-33573 12A S04 19 HC$ 2.00 MF$ 0.50

COMPUTER DERIVATIONS OF EQUATIONS OF MOTION IN A GENERAL ORTHOGONAL CURVILINEAR COORDINATE SYSTEM USING THE FORMAC LANGUAGE.
N66-38724 9B S04 23 HC$ 1.00 MF$ 0.50

MOTION SICKNESS, AVIATION MEDICINE
METHIONINE-PYRIDOXINE AND AIRSICKNESS.
AD-641 569 6S T66 24 HC$ 1.00 MF$ 0.50

MOTIVATION, FEAR
FEAR OF FAILURE AND COGNITIVE CONTROLS.
AD-641 891 5J T66 24 HC$ 2.00 MF$ 0.50

MOTOR REACTIONS, TRANSFER OF TRAINING
TRANSFER EFFECTS IN FOLLOWING TRACKING RESULTING FROM REVERSAL OF THE DISPLAY-CONTROL RELATIONSHIP ON ALTERNATE BLOCKS OF TRIALS.
AD-51 494 5E U41 24 HC$ 1.10

A STUDY OF TRANSFER IN A MOTOR TASK WITH VARYING DISPLAY-CONTROL RELATIONSHIPS.
AD-641 580 5I T66 24 HC$ 3.60 MF$ 0.50

TRANSFER OF TRAINING FROM PRACTICE ON COMPONENTS IN A MOTOR SKILL.
AD-641 581 5I T66 24 HC$ 6.60 MF$ 0.75

THE MEASUREMENT OF TRANSFER OF TRAINING.
AD-641 582 5I T66 24 HC$ 6.60 MF$ 0.75

TRANSFER OF DISCRIMINATION TO A MOTOR TASK.
AD-641 583 5I T66 24 HC$ 3.60 MF$ 0.50

TRANSFER TO A MOTOR SKILL FROM PRACTICE ON A PICTURED REPRESENTATION.
AD-641 584 5I T66 24 HC$ 2.00 MF$ 0.50

ON THE RELATION BETWEEN SIMILARITY AND TRANSFER OF TRAINING IN THE LEARNING OF DISCRIMINATIVE MOTOR TASKS.
AD-641 585 5I T66 24 HC$ 2.00 MF$ 0.50

TRANSFER OF TRAINING TO A MOTOR SKILL AS A FUNCTION OF VARIATION IN RATE OF RESPONSE.
AD-641 586 5I T66 24 HC$ 1.00 MF$ 0.50

TRANSFER OF TRAINING TO A MOTOR TASK IN RELATION TO STIMULUS SIMILARITY.
AD-641 587 5I T66 24 HC$ 3.60 MF$ 0.50

MOUSE
INVESTIGATION OF PEROGNATHUS AS AN EXPERIMENTAL ORGANISM FOR RESEARCH IN SPACE BIOLOGY PROGRESS REPORT, 1 APR. - 30 JUN. 1966.
N66-34072 6F S04 19 HC$ 1.00 MF$ 0.50

MULTILAYER STRUCTURE
INVESTIGATION OF A LIGHTWEIGHT SELF-EVACUATING PREFABRICATED MULTI-LAYER INSULATION SYSTEM FOR CRYOGENIC SPACE PROPULSION STAGES FINAL REPORT, 3 JUN. 1965 - 31 JUL. 1966.
N66-38500 13H S04 23 HC$ 3.75 MF$ 1.75

MULTIPLIER
PHOTOELECTRIC RECORDING DEVICE OF HIGH SENSITIVITY AND ACCURACY FOR SPECTROGRAPHS.
N66-38780 20F S04 23 HC$ 1.00 MF$ 0.50

MULTIVARIATE ANALYSIS, MATHEMATICAL MODELS
MULTIVARIATE PAIRED COMPARISONS.
AD-641 857 12A T66 24 HC$ 4.00 MF$ 0.75

MUON
INTERMEDIATE ENERGY PHYSICS, VOLUME I.
N66-32726 20H S04 19 HC$ 5.65 MF$ 2.50

MUSCULOSKELETAL SYSTEM, GLYCOLYSIS
REGULATION OF GLYCOLYSIS IN TETANIZED CAT SKELETAL MUSCLE IN SITU.
AD-641 573 6A T66 24 HC$ 1.00 MF$ 0.50

MUTATION
PRESENT STATUS OF THE AMINO ACID CODE.
N66-33376 6A S04 19 HC$ 1.00 MF$ 0.50

MUTATIONS, ACTINOBACILLUS
USE OF KANAMYCIN FOR THE ISOLATION OF AUXOTROPHIC MUTANTS OF ACTINOBACILLUS MALLEI.
AD-641 518 6M T66 24

MYLAR
INVESTIGATION OF A LIGHTWEIGHT SELF-EVACUATING PREFABRICATED MULTI-LAYER INSULATION SYSTEM FOR CRYOGENIC SPACE PROPULSION STAGES FINAL REPORT, 3 JUN. 1965 - 31 JUL. 1966.
N66-38500 13H S04 23 HC$ 3.75 MF$ 1.75

M- 1 ROCKET ENGINE
SUMMARY OF MATERIALS TECHNOLOGY OF M-1 ENGINE.
N66-33977 13H S04 19 HC$ 2.50 MF$ 0.75

FABRICATION OF LIGHTWEIGHT TURBINE COMPONENTS USING ELECTRON BEAM WELDING FOR THE ATTACHMENT OF SHEET METAL BLADES TO DISCS AND SHROUDS.
N66-38757 13H S04 23 HC$ 2.50 MF$ 0.75

NANOSECOND
LOW POWER NANOSECOND PULSE AND LOGIC CIRCUITS USING TUNNEL DIODES.
N66-33967 9A S04 19 HC$ 1.00 MF$ 0.50

NASA PROGRAM
NASA CONTRIBUTIONS TO - CARDIOVASCULAR MONITORING.
N66-32925 6B S04 19 HC$ 2.00 MF$ 0.50

TELEMETRY PROCESSING FOR NASA SCIENTIFIC SATELLITES.
N66-33013 9F S04 19 HC$ 1.00 MF$ 0.50

MANAGEMENT OF SCIENCE.
N66-33171 5A S04 19 HC$ 1.00 MF$ 0.50

THE SOVIET UNION AND THE UNITED STATES IN SPACE - MEMORANDUM OF THE SEMINARS, 23 MARCH - 20 APRIL 1965.
N66-33395 22A S04 19 HC$ 1.00 MF$ 0.50

MANNED SPACECRAFT SYSTEMS COST MODEL, VOLUME I, CONDENSED SUMMARY REPORT, APR. 1965 - JUN. 1966.
N66-33497 22B S04 19 HC$ 2.00 MF$ 0.50

GUIDE TO THE PROCESSING, STORAGE, AND RETRIEVAL OF BIBLIOGRAPHIC INFORMATION AT THE NASA SCIENTIFIC AND TECHNICAL INFORMATION FACILITY.
N66-34085 5B S04 19 HC$ 3.25 MF$ 1.00

HISTORY OF THE GEORGE C. MARSHALL SPACE FLIGHT CENTER, JULY 1 THROUGH DECEMBER 31, 1964, VOLUME ONE NINTH SEMIANNUAL HISTORY.
N66-38017 14B S04 23 HC$ 6.00 MF$ 1.50

A MANAGEMENT PLAN FOR SYSTEMS ASSURANCE DURING PHASES A, B, C, AND D.
N66-38748 5A S04 23 HC$ 2.00 MF$ 0.50

NATIONAL AERONAUTICS AND SPACE ACT
A SELECTIVE BIBLIOGRAPHY, 1949 - 1965.
N66-38723 5B S04 23 HC$ 2.00 MF$ 0.50

NATURAL FREQUENCY
SOME FREE VIBRATION AND DYNAMIC RESPONSE PROBLEMS ASSOCIATED WITH CENTRIFUGALLY STABILIZED DISK AND SHELL STRUCTURES SEMIANNUAL PROGRESS REPORT, 15 FEB. - 15 AUG. 1966.
N66-33480 20K S04 19 HC$ 1.00 MF$ 0.50

NAVAL AVIATION, INSTRUCTORS
CONSTRUCTION OF THREE MEASURES FOR INSTRUCTOR EVALUATION.
AD-641 590 5I T66 24 HC$ 2.00 MF$ 0.50

PRELIMINARY VALIDATION OF THE INSTRUCTORS EVALUATION REPORT.
AD-641 591 5I T66 24 HC$ 2.00 MF$ 0.50

AMPLIFYING THE INSTRUCTOR TRAINING PROGRAM IN THE NAVAL AIR

BASIC TRAINING COMMAND.
AD-641 597 51 T66 24 HC$ 2.60 MF$ 0.50

NAVAL AVIATION, JOB ANALYSIS
REPORT ON BILLET ANALYSIS AND EVALUATION.
AD-641 596 51 T66 24 HC$ 5.60 MF$ 0.50

NAVAL AVIATION, STUDENTS
ACADEMIC GRADES OF STUDENTS IN THE NAVAL SCHOOL OF PRE-FLIGHT.
AD-641 588 51 T66 24 HC$ 2.00 MF$ 0.50

SUPPLEMENTARY REPORT ON PROJECT ON PRE-FLIGHT GRADES.
AD-641 592 51 T66 24 HC$ 1.00 MF$ 0.50

A STUDY OF INDIVIDUAL DIFFERENCES AMONG NAVAL AVIATION STUDIENTS.
AD-641 593 51 T66 24 HC$ 2.00 MF$ 0.50

STUDY SKILLS OF NAVAL AVIATION STUDENTS ANALYSIS OF THE PROBLEM AND RECOMMENDATIONS.
AD-641 594 51 T66 24 HC$ 3.60 MF$ 0.50

NAVAL AVIATION, TRAINING
A SUMMARY OF OPERATIONAL RESEARCH IN THE NAVAL AIR TRAINING COMMAND.
AD-641 589 51 T66 24 HC$ 12.60 MF$ 0.75

THE DEVELOPMENT OF AVIATION TRAINING SYLLABUS MATERIAL.
AD-641 595 51 T66 24 HC$ 2.00 MF$ 0.50

EDUCATIONAL RESEARCH PROJECT.
AD-641 598 51 T66 24 HC$ 7.60 MF$ 0.75

THE TRAINING SURVEY A METHOD OF EVALUATING TRAINING WITH THE 1948 ANNUAL SURVEY AS AN EXAMPLE.
AD-641 599 51 T66 24 HC$ 14.90 MF$ 1.00

NAVAL PERSONNEL, SELECTION
SEQUIN A COMPUTERIZED ITEM SELECTION PROCEDURE.
AD-641 813 5J T66 24 HC$ 2.00 MF$ 0.50

NAVAL RESEARCH, REPORTS
REPORT OF NRL PROGRESS.
PB-173 468 14B U41 24 HC$ 1.25 MF$ 0.50

NAVAL TRAINING, AERIAL GUNNERS
STUDY OF BASIC FIXED GUNNERY.
AD-641 824 51 T66 24 HC$ 3.00 MF$ 0.75

NAVAL TRAINING, OFFICER PERSONNEL
QUALIFICATIONS AND RELATED TRAINING FOR NAVAL RESERVE OFFICERS (1105) NAVAL WARFARE/OPERATIONS, SURFACE, MILITARY SEA TRANSPORTATION SERVICE AND NAVAL CONTROL OF SHIPPING ORGANIZATION.
AD-641 964 51 T66 24 HC$ 3.00 MF$ 0.75

NAVAL TRAINING, TARGET RECOGNITION
NAVY RECOGNITION TRAINING.
AD-641 879 51 T66 24 HC$ 7.60 MF$ 0.75

NAVIER-STOKES EQUATION
ANALYSIS OF THE VISCO SEAL. PART II - THE CONCENTRIC TURBULENT CASE.
N66-32803 13K S04 19 HC$ 2.50 MF$ 0.75

NAVIGATION, SERVOMECHANISMS
AIRBORNE OMEGA RECEIVER.
AD-481 367 17B U41 24 HC$ 2.00 MF$ 0.50

NEBULAE, LINE SPECTRUM
SPECTROPHOTOMETRIC STUDIES OF GASEOUS NEBULAE. V. MEASUREMENT OF LINE INTENSITIES IN PLANETARY NEBULAE WITH AN ELECTRONIC CAMERA.
AD-641 447 3A T66 24

NEOPLASMS, DIAGNOSIS
URINARY LACTIC ACID DEHYDROGENASE ACTIVITY IN THE DIAGNOSIS OF UROLOGIC NEOPLASMS.
AD-641 376 6E T66 24

NERVE CELLS, CAPILLARIES
THE FINE STRUCTURE OF THE SUPRAMEDULLARY NEURONS OF THE PUFFER WITH SPECIAL REFERENCE TO ENDOCELLULAR AND PERICELLULAR CAPILLARIES.
AD-641 735 6C T66 24

NETWORKS, PHASE CONTROL DEVICES
USING A PARALLEL-T NETWORK FOR DEVELOPING QUADRATURE VOLTAGES AT VARIABLE FREQUENCIES.
AD-641 983 9A T66 24 HC$ 2.00 MF$ 0.50

NETWORKS, THEORY
DEGENERATE NETWORKS.
AD-641 469 9E T66 24

NEUROLOGY, ANESTHETICS
A NEUROPHYSIOLOGICAL COMPARISON OF ALPHA-CHLORALOSE WITH GAMMA-HYDROXYBUTYRATE IN CATS.
AD-641 379 6O T66 24

NEUROMUSCULAR TRANSMISSION, CRUSTACEA
FUNCTIONAL ROLE OF MUSCLE RECEPTOR ORGANS IN CRAYFISH.
AD-641 487 6C T66 24

REFLEX CONTROL OF ABDOMINAL FLEXOR MUSCLES IN THE CRAYFISH. II. THE TONIC SYSTEM.
AD-641 488 6C T66 24

NEUROPHYSIOLOGY
WHAT'S IN THE BRAIN THAT INK MAY CHARACTER (QUES).
N66-33422 5F S04 19 HC$ 1.00 MF$ 0.50

NEUTRON BOMBARDMENT
THE STRAIN RATE SENSITIVITY OF THE YIELD STRESS OF STEELS.
N66-33035 11F S04 19 HC$ 1.00 MF$ 0.50

NEUTRON COUNTERS, SEMICONDUCTOR DEVICES
SILICON DIODE FAST NEUTRON DOSIMETER, PHASE I, EVALUATION OF RESPONSE VERSUS STARTING MATERIAL.
AD-641 843 18D T66 24 HC$ 2.00 MF$ 0.50

NEUTRON CROSS SECTION
USE OF THE METHOD OF REMOVAL CROSS SECTION FOR THE COMPUTATION OF SHIELDING NOT CONTAINING HYDROGEN.
N66-33723 18F S04 19 HC$ 1.00 MF$ 0.50

NEUTRON DETECTOR
NEUTRON DETECTORS.
N66-33135 18D S04 19 HC$ 7.10 MF$ 2.25

EFFICIENCY OF ORGANIC SCINTILLATORS FOR FAST NEUTRONS.
N66-33434 18K S04 19 HC$ 3.00 MF$ 0.75

NEUTRON DIFFRACTION
DIFFRACTOMETRIC RESEARCH IN THE FIELD OF DISORDERED STRUCTURES.
N66-38060 20B S04 23 HC$ 1.00 MF$ 0.50

NEUTRON EMISSION
ANNEALING OF NEUTRON-IRRADIATION-INDUCED CHANGES IN IMPURITY CONDUCTION IN ANTIMONY- DOPED GERMANIUM.
N66-33386 20L S04 19 HC$ 1.00 MF$ 0.50

NEUTRON FLUX
EFFECTIVE CADMIUM CUTOFF ENERGY FOR CYLINDRICAL DETECTORS WITH CYLINDRICAL FILTERS.
N66-38351 18D S04 23 HC$ 1.00 MF$ 0.50

NEUTRON PHYSICS
THE USE OF PULSED REACTORS IN THE FIELD OF NEUTRON AND SOLID STATE PHYSICS.
N66-33429 18K S04 19 HC$ 3.00 MF$ 0.75

NEUTRON REACTIONS, METALS
GAMMA RAYS RESULTING FROM INTERACTIONS OF 14.7 MEV NEUTRONS WITH MAGNESIUM, ALUMINUM, CALCIUM, TITANIUM AND IRON.
AD-467 464 20H U41 24 HC$ 4.60 MF$ 0.50

AD-467 464 20H U41 24 HC$ 4.60 MF$ 0.50

NEUTRON REACTIONS, PAIR PRODUCTION
INTERACTIONS A DEUX CORPS DANS LA REACTION 9BE(N,NN) ALPHA ALPHA A 14 MEV - I. MISE EN EVIDENCE DES ETATS RESONNANTS (TWO-BODY INTERACTION IN THE REACTION 9BE(N,NN) ALPHA ALPHA AT 14 MEV. I. EXISTENCE OF RESONATING STATES).
PB-173 398 20H U41 24 HC$ 2.00 MF$ 0.50

NEUTRON SPECTRUM
IRRADIATION DAMAGE IN MILD STEEL. A COMPARISON OF CRACK ARREST TEST AND CHARPY CRITERIA AND THE INFLUENCE OF NEUTRON SPECTRUM.
N66-37780 18H S04 23 HC$ 2.00 MF$ 0.50

NEW GUINEA, WOOD
THE MECHANICAL PROPERTIES OF 81 NEW GUINEA TIMBERS.
PB-173 478 11L U41 24 HC$ 3.60 MF$ 0.50

NICKEL
OVERLAY COPY TECHNIQUE TO PROVIDE HIGH-CONTRAST ELECTRON MICROGRAPHS FOR AUTOMATIC METALLOGRAPHIC ANALYSIS.
N66-37681 14B S04 23 HC$ 1.00 MF$ 0.50

NICKEL ALLOY
DEVELOPMENT OF HIGH TEMPERATURE NICKEL-BASE ALLOYS FOR JET ENGINE TURBINE BUCKET APPLICATIONS SECOND INTERIM ENGINEERING REPORT, 1 OCT. 1965 - 31 MAY 1966.
N66-33504 11F S04 19 HC$ 3.00 MF$ 1.00

NICKEL ALLOYS, INTERNAL FRICTION
AN INTERNAL FRICTION STUDY OF VACANCIES IN A QUENCHED AU-NI SOLID SOLUTION.
AD-641 786 11F T66 24

NICKEL COMPOUND
ELECTRON DIFFRACTION STUDY OF THE OXIDATION PROCESS OF THIN FILMS OF INTERMETALLIC COMPOUNDS OF THE SYSTEM NICKEL-ALUMINUM.
N66-33704 11F S04 19 HC$ 1.00 MF$ 0.50

NICKEL-CADMIUM BATTERY
DEVELOPMENT OF IMPROVED CADMIUM ELECTRODES FOR SEALED SECONDARY BATTERIES FINAL REPORT.
N66-37800 10C S04 23 HC$ 2.50 MF$ 0.50

PROCUREMENT AND DEVELOPMENT PROGRAM FOR NICKEL-CADMIUM CELLS TO SPECIFICATION S-615-P-2 TECHNICAL STATUS REPORT NO. 12, MAY 25 - AUG. 24, 1966.
N66-38706 10C S04 23 HC$ 1.00 MF$ 0.50

SPACE CELL TEST PROGRAM MONTHLY PROGRESS REPORT, 31 JUL. 1966.
N66-38788 10C S04 23 HC$ 5.00 MF$ 1.25

NICKEL, ELECTRON DIFFRACTION ANALYSIS
KIKUCHI EFFECTS FROM LOW-ENERGY ELECTRONS IN NICKEL.
AD-641 546 20B T66 24

NICKEL, NUCLEAR SPINS
NEW SPIN AND MIXING RATIO DETERMINATIONS FOR THREE LEVELS IN 60NI.
AD-641 933 20H T66 24

NIKE-APACHE ROCKET
A NIKE FAILURE STUDY.
N66-33502 16D S04 19 HC$ 2.00 MF$ 0.50

NIOBIUM
DIFFUSION OF URANIUM IN MOLYBDENUM, NIOBIUM, ZIRCONIUM, AND TITANIUM.
N66-33719 7B S04 19 HC$ 1.00 MF$ 0.50

INVESTIGATION OF SOLUBILITY AND DIFFUSION OF OXYGEN IN REFRACTORY METALS SECOND QUARTERLY REPORT, 1 OCT. - 31 DEC. 1965.
N66-38755 11F S04 23 HC$ 2.00 MF$ 0.50

NIOBIUM OXIDE
DETERMINATION OF THE SATURATED VAPOR PRESSURE OF NIOBIUM DIOXIDE.
N66-33679 28M S04 19 HC$ 1.00 MF$ 0.50

THE PROBLEM OF THE VOLATILITY OF NIOBIUM OXIDES.
N66-33681 7D S04 19 HC$ 1.00 MF$ 0.50

NIOBIUM, IMPURITIES
ANISOTROPY OF THE SNOEK PHENOMENON IN NIOBIUM.
AD-641 785 11F T66 24

NIORIUM, SUPERCONDUCTIVITY
PRESSURE DEPENDENCE OF THE SUPERCONDUCTING TRANSITION TEMPERATURE OF VANADIUM AND NIOBIUM,
AD-641 812 20C T66 24

NITRIC ACID, SOLVENT EXTRACTION
MECANISME D EXTRACTION DE L ACIDE NITRIQUE ET DE L EAU PAR LES SOLUTIONS ORGANIQUES D ALCOYLAMINES TERTIAIRES (MECHANISM OF THE EXTRACTION OF NITRIC ACID AND WATER BY ORGANIC SOLUTIONS OF TERTIARY ALKYLAMINES).
PB-173 396 7D U41 24 HC$ 3.00 MF$ 0.75

NITROBENZENES, BATTERIES + COMPONENTS
ORGANIC DEPOLARIZED CELLS UTILIZING META-DINITROBENZENE.
AD-641 852 10C T66 24 HC$ 3.00 MF$ 0.75

NITROGEN
PREDICTION OF TOTAL EMISSIVITY OF NITROGEN- BROADENED AND SELF-BROADENED HOT WATER VAPOR.
N66-38114 20M S04 23 HC$ 2.00 MF$ 0.50

EVALUATION OF HIGH-TEMPERATURE GAS TRANSPORT PROPERTIES FINAL SUMMARY REPORT.
N66-38145 20M S04 23 HC$ 3.00 MF$ 1.00

NITROGEN ION
RADIATION TEMPERATURE MEASUREMENTS OF THE NITROGEN AFTERGLOW PLASMA.
N66-34074 20I S04 19 HC$ 1.00 MF$ 0.50

NITROGEN OXIDE
ABSORPTION SPECTRUM OF THE NO MOLECULE. V - SURVEY OF EXCITED STATES AND THEIR INTERACTIONS.
N66-33367 7D S04 19 HC$ 2.00 MF$ 0.50

EXPERIMENTAL ROCKET PERFORMANCE OF APOLLO STORABLE PROPELLANTS IN ENGINES WITH LARGE AREA RATIO NOZZLES.
N66-33454 21I S04 19 HC$ 2.00 MF$ 0.50

NITROGEN, ELECTRON TRANSITIONS
WEAK TRANSITIONS IN EXCITATION OF N2 BY ELECTRON IMPACT AND COMPARISON WITH EXCITATION BY ABSORPTION OF RADIATION.
AD-641 454 7D T66 24

NOISE METER
ANALOG CIRCUIT FOR DETERMINING THE RATIO AND PRODUCT OF TWO TIME FUNCTIONS.
N66-33179 9A S04 19 HC$ 1.00 MF$ 0.50

NONEQUILIBRIUM FLOW
CHEMICAL SPECIES AND CHEMICAL REACTIONS OF IMPORTANCE IN NONEQUILIBRIUM PERFORMANCE CALCULATIONS.
N66-33714 21B S04 19 HC$ 2.00 MF$ 0.50

NONLINEAR DIFFERENTIAL EQUATIONS, FUNCTIONAL ANALYSIS
ON THE NON-EXISTENCE OF L SQUARE SOLUTIONS OF A CLASS OF NON LINEAR DIFFERENTIAL EQUATIONS.
AD-641 556 12A T66 24

NONLINEAR EQUATION
ONE NON-LINEAR PROBLEM WITH A FREE BOUNDARY.
N66-33680 12A S04 19 HC$ 1.00 MF$ 0.50

NONLINEAR SYSTEM
ASYMPTOTIC STABILITY OF SAMPLED NONLINEAR SYSTEMS WITH VARIABLE SAMPLING PERIODS -- A BIONIC APPLICATION DISCUSSION.
N66-33438 12A S04 19 HC$ 1.00 MF$ 0.50

A STUDY OF DAMPING IN NONLINEAR OSCILLATIONS.
N66-37641 1A S04 23 HC$ 2.50 MF$ 0.50

NONVISCOUS FLOW
ATTENUATION OF SINUSOIDAL DISTURBANCES IN NONVISCOUS LIQUID FLOWING IN A LONG LINE WITH DISTRIBUTED LEAKAGE.
N66-33022 20D S04 19 HC$ 2.00 MF$ 0.50

NON-DESTRUCTIVE TESTING, SOUND SIGNALS
THE ACOUSTIC ANALYSIS OF MATERIALS IN DYNAMIC APPLICATIONS,
AD-641 720 14B T66 24 HC$ 2.00 MF$ 0.50

NORWAY, NUCLEAR REACTORS
SURVEY OF ACTIVITIES 1965,
PB-173 472 18 U41 24 HC$ 12.60 MF$ 0.75

NOZZLE EXPANSION
EXPERIMENTAL PERFORMANCE OF A HYDROGEN- FLUORINE ROCKET ENGINE AT SEVERAL CHAMBER PRESSURES AND EXHAUST-NOZZLE EXPANSION AREA RATIOS.
N66-33348 21M S04 19 HC$ 2.00 MF$ 0.50

NOZZLES, PERFORMANCE(ENGINEERING)
THE PERFORMANCE OF LOW THRUST (0.05 N) VENTURI NOZZLES.
AD-483 292 20D U41 24 HC$ 3.60 MF$ 0.50

NUCLEAR CROSS SECTIONS, FIELD THEORY
USE OF UNITARITY IN PROVING POMERANCHUK S THEOREM ON CROSS SECTIONS AT HIGH ENERGIES,
AD-641 619 20J T66 24

NUCLEAR EMULSION
AN APPARENTLY HIGH FLUX OF PRIMARY COSMIC-RAY GAMMA-PARTICLES AT 41 DEG N. MAG..
N66-32964 20M S04 19 HC$ 1.00 MF$ 0.50

NUCLEAR ENERGY
A REVIEW OF NUCLEAR ENERGY GENERATION IN STARS, AND SOME ASPECTS OF NUCLEOSYNTHESIS.
N66-33182 3B S04 19 HC$ 4.00 MF$ 0.75

NUCLEAR ENERGY LEVELS, ALPHA PARTICLE REACTIONS
MASSES AND EXCITATION ENERGIES OF SOME PROTON-RICH NUCLEI,
AD-642 000 20H T66 24

NUCLEAR ENERGY LEVELS, BARIUM
QUEERNESSES IN THE DEFORMATION CHART.
AD-641 463 20H T66 24 HC$ 2.00 MF$ 0.50

NUCLEAR ENERGY LEVELS, ZIRCONIUM
NUCLEON SINGLE-PARTICLE LEVELS IN A DIFFUSE NONLOCAL POTENTIAL WELL.
AD-641 542 20H T66 24

NUCLEAR EXPLOSION DAMAGE, SHOCK WAVES
CLOSE-IN EFFECTS OF NUCLEAR EXPLOSIONS. PART II. ANALYSIS OF GROUND SHOCK FROM NUCLEAR SURFACE BURSTS ON ROCK,
AD-641 311 8M T66 24 HC$ 4.00 MF$ 0.75

NUCLEAR EXPLOSIONS, DETECTION
GEOSCIENCES AND TECHNOLOGY BULLETIN, VOLUME 1, NO. 1.
AD-641 717 17J T66 24 HC$ 2.00 MF$ 0.50

NUCLEAR EXPLOSIONS, RADIATION MEASUREMENT SYSTEMS
ANALYSIS OF ARGUS/EXPLORER IV RECORDS.
AD-463 240 18C U41 24 HC$ 4.00

NUCLEAR EXPLOSIONS, RADIOACTIVE FALLOUT
THE NRDL DYNAMIC MODEL FOR FALLOUT FROM LAND SURFACE NUCLEAR BURSTS,
AD-236 207 18C U41 24 HC$ 5.60

NUCLEAR EXPLOSIONS, SEISMOLOGY
VESIAC MONTHLY BULLETIN OF VELA UNIFORM RESEARCH PUBLICATIONS,
AD-641 906 8K T66 24 HC$ 1.00 MF$ 0.50

NUCLEAR EXPLOSIONS, TELEVISION EQUIPMENT
TELEVISION SYSTEM STUDY FOR NUCLEAR ACCIDENT RECOVERY. PHASE I,
EGG-1183-1210 18I U41 24 HC$ 5.00 MF$ 1.00

NUCLEAR EXPLOSIONS, UNDERGROUND EXPLOSIONS
EXCITATION OF SURFACE WAVES BY THE UNDERGROUND NUCLEAR EXPLOSION LONG SHOT,
AD-642 002 8K T66 24

NUCLEAR ISOBARS, NUCLEAR REACTIONS
ISOBAR PRODUCTION IN HIGH-ENERGY NUCLEAR INTERACTIONS,
AD-641 498 20H T66 24

NUCLEAR MAGNETIC MOMENTS, MESONS
EXCHANGE MAGNETIC MOMENT IN THREE-BODY NUCLEI (II),
AD-641 767 20H T66 24

EXCHANGE MAGNETIC MOMENT IN THREE-BODY NUCLEI (I),
AD-641 768 20H T66 24

NUCLEAR MAGNETIC RESONANCE, ALKENES
THE PROTON MAGNETIC RESONANCE SPECTRA OF OLEFINS. V. 3-CHLORO- AND 3-METHOXYPROPENES.
AD-641 462 7C T66 24

NUCLEAR MAGNETIC RESONANCE, CHLORINE
TEMPERATURE DEPENDENCE OF CHLORINE NQR FREQUENCIES AND PI BONDING,
AD-641 544 7D T66 24

NUCLEAR MAGNETIC RESONANCE, GARNET
27AL AND 89Y NUCLEAR MAGNETIC RESONANCE IN YTTRIUM-ALUMINUM GARNET,
AD-641 772 20L T66 24

NUCLEAR MAGNETIC RESONANCE, INSTRUMENTATION
A SENSITIVE RECORDING NMR ULTRASONIC SPECTROMETER,
NBS-TN-344 14B U41 24 HC$ 0.20 MF$ 0.50

NUCLEAR MAGNETIC RESONANCE, N-HETEROCYCLIC COMPOUNDS
NUCLEAR MAGNETIC RESONANCE STUDY OF 2,3-QUINOXALINE DICARBOXALDEHYDE AND ITS CYCLIC MONOHYDRATE,
AD-641 748 7C T66 24

NUCLEAR PARTICLES, INELASTIC SCATTERING
COMPOUND INELASTIC NUCLEON AND GAMMA-RAY ANGULAR DISTRIBUTIONS FOR EVEN-AND ODD-MASS NUCLEI.
AD-641 536 20H T66 24

NUCLEAR PARTICLES, NUCLEAR ENERGY LEVELS
NUCLEON SINGLE-PARTICLE LEVELS IN A DIFFUSE NONLOCAL POTENTIAL WELL.
AD-641 542 20H T66 24

NUCLEAR PHYSICS LABORATORIES, REVIEWS
SURVEY OF ACTIVITIES 1965,
PB-173 472 1B U41 24 HC$ 12.60 MF$ 0.75

NUCLEAR PROPULSION
NAVIGATOR STUDY OF ELECTRIC PROPULSION FOR UNMANNED SCIENTIFIC MISSIONS. CONSTANT POWER MISSION ANALYSIS.
N66-33463 21C S04 19 HC$ 2.00 MF$ 0.50

NUCLEAR REACTION
REACTION RATE DISTRIBUTIONS AND RATIOS IN FRO ASSEMBLIES 1, 2, AND 3.
N66-33125 18K S04 19 HC$ 3.00 MF$ 0.75

NUCLEAR REACTIONS, COSMIC RAYS
THE PRODUCTION OF COSMIC GAMMA RAYS IN INTERSTELLAR AND INTERGALACTIC COSMIC-RAY COLLISIONS. I. THE KINEMATICS OF P-P INTERACTIONS AND SECONDARY MESON AND HYPERON DECAY AND THE COSMIC GAMMA-RAY SPECTRAL SOURCE FUNCTION.
PB-173 444 3B U41 24 HC$ 3.00 MF$ 0.75

NUCLEAR REACTIONS, MATHEMATICAL MODELS
MODEL OF WEAK INTERACTIONS WITH CP VIOLATION.
AD-641 451 20J T66 24

NUCLEAR REACTIONS, NUCLEAR ISOBARS
ISOBAR PRODUCTION IN HIGH-ENERGY NUCLEAR INTERACTIONS.
AD-641 498 20H T66 24

NUCLEAR REACTOR MATERIAL
IRRADIATION DAMAGE IN MILD STEEL. A COMPARISON OF CRACK ARREST TEST AND CHARPY CRITERIA AND THE INFLUENCE OF NEUTRON SPECTRUM.
N66-37780 18H S04 23 HC$ 2.00 MF$ 0.50

NUCLEAR REACTORS, NORWAY
SURVEY OF ACTIVITIES 1965,
PB-173 472 1B U41 24 HC$ 12.60 MF$ 0.75

NUCLEAR REACTORS, STRUCTURAL PARTS
EFFECTS OF NEUTRON IRRADIATION ON THE PROPERTIES OF REACTOR STRUCTURAL MATERIALS.
AD-633 152 18J U41 24 HC$ 1.60

NUCLEAR ROCKET
EXPERIMENTAL INVESTIGATION OF BAFFLE EFFECTIVENESS IN A CONFINED FLUID SUBJECTED TO WALL AND NONUNIFORM SOURCE HEATING.
N66-33710 21I S04 19 HC$ 3.00 MF$ 0.75

NUCLEAR SCATTERING
THE EFFECT OF DEFECTS ON THE BASAL PLANE THERMAL CONDUCTIVITY OF A GRAPHITE CRYSTAL, PART 2 - COMPARISON OF THE THEORY OF POINT DEFECT SCATTERING WITH CHANGES OF CONDUCTIVITY INDUCED BY FAST NEUTRON IRRADIATION, PART 3 - TEST OF THE THEORY OF GRAIN BOUNDARY SCATTERING.
N66-37785 20B S04 23 HC$ 1.00 MF$ 0.50

NUCLEAR SCATTERING, WAVE FUNCTIONS
FICTITIOUS NATURE OF CORE TERM IN EXCHANGE AMPLITUDE FOR ELECTRON-ATOM SCATTERING,
AD-641 625 20J T66 24

NUCLEAR SHIELDING
USE OF THE METHOD OF REMOVAL CROSS SECTION FOR THE COMPUTATION OF SHIELDING NOT CONTAINING HYDROGEN,
N66-33723 1GF S04 19 HC$ 1.00 MF$ 0.50

NUCLEAR SPECTROSCOPY, CORRELATION TECHNIQUES
CORRELATIONS DIRECTIONNELLES ELECTRON-GAMMA (ELECTRON-GAMMA DIRECTIONAL CORRELATIONS),
PR-173 401 20H U41 24 HC$ 3.00 MF$ 0.75

NUCLEAR SPINS, ELECTRONS
ELECTRON-DENSITY OSCILLATIONS IN A GENERAL POTENTIAL,
AD-641 887 20L T66 24

NUCLEAR SPINS, FERROMAGNETISM
PHASE TRANSITION OF A TWO-DIMENSIONAL CONTINUUM-ISING MODEL,
AD-641 774 20C T66 24

STRONG-COUPLING LIMIT IN DILUTE ALLOYS,
AD-641 776 20C T66 24

NUCLEAR SPINS, FIELD THEORY
FEYNMAN RULES AND FEYNMAN INTEGRALS FOR SYSTEM WITH HIGHER-SPIN FIELDS,
AD-641 617 20J T66 24

SPIN WAVES IN AN INTERACTING ELECTRON GAS,
AD-641 631 20C T66 24

NUCLEAR SPINS, NICKEL
NEW SPIN AND MIXING RATIO DETERMINATIONS FOR THREE LEVELS IN 60NI,
AD-641 533 20H T66 24

NUCLEAR SPINS, POLARIZATION
POLARIZATION OF A DECAY PARTICLE IN A TWO-STEP PROCESS APPLICATION TO NEGATIVE-KAON + PROTON TO NEUTRAL-PION + NEUTRAL-SIGMA HYPERON, NEUTRAL-SIGMA HYPERON TO GAMMA RAY + LAMBDA HYPERON,
AD-641 626 20H T66 24

NUCLEAR STRUCTURE
INTERMEDIATE ENERGY PHYSICS, VOLUME I,
N66-32726 20H S04 19 HC$ 5.65 MF$ 2.50

NUCLEAR STRUCTURE, BARIUM
QUEERNESSES IN THE DEFORMATION CHART,
AD-641 463 20H T66 24 HC$ 2.00 MF$ 0.50

NUCLEAR WARFARE, STRESSES(PSYCHOLOGY)
HUMAN FACTORS IN TACTICAL NUCLEAR COMBAT,
AD-463 787 15F U41 24 HC$ 3.00

NUCLEATE BOILING
HEAT-TRANSFER ANALYSIS OF THE PLUM BROOK REACTOR,
N66-33973 18I S04 19 HC$ 2.00 MF$ 0.50

NUCLEIC ACIDS, LEARNING
MOLECULAR NEUROCHEMISTRY OF THE BRAIN DURING CONDITIONED AVOIDANCE BEHAVIOR,
AD-641 615 5J T66 24 HC$ 2.00 MF$ 0.50

NUCLEI, BAND THEORY OF SOLIDS
ENERGY GAP IN SPHERICAL NUCLEI,
AD-641 782 20C T66 24

NUCLEI, MESON REACTIONS
EXCHANGE MAGNETIC MOMENT IN THREE-BODY NUCLEI (II),
AD-641 767 20H T66 24

EXCHANGE MAGNETIC MOMENT IN THREE-BODY NUCLEI (I),
AD-641 768 20H T66 24

NUCLEON-NUCLEON SCATTERING
INTERMEDIATE ENERGY PHYSICS, VOLUME I,
N66-32726 20H S04 19 HC$ 5.65 MF$ 2.50

INTERMEDIATE ENERGY PHYSICS, VOLUME II,
N66-32766 20H S04 19 HC$ 4.25 MF$ 2.00

NUCLEOSYNTHESIS
A REVIEW OF NUCLEAR ENERGY GENERATION IN STARS, AND SOME ASPECTS OF NUCLEOSYNTHESIS.
N66-33182 3B S04 19 HC$ 4.00 MF$ 0.75

NUMERICAL ANALYSIS
AN INTEGRATED APPROACH TO THE ANALYSIS AND DESIGN OF WINGS AND WING-BODY COMBINATIONS IN SUPERSONIC FLOW.
N66-38749 1A S04 23 HC$ 1.00 MF$ 0.50

NUMERICAL ANALYSIS, OCEAN WAVES
A NUMERICAL STUDY OF THE WIND-DRIVEN TRANSIENT CIRCULATION IN A HOMOGENEOUS OCEAN,
AD-641 330 8C T66 24 HC$ 3.00 MF$ 0.75

NUMERICAL INTEGRATION
COLLISION INTEGRALS FOR THE EXPONENTIAL ATTRACTIVE POTENTIAL.
N66-33415 20H S04 19 HC$ 1.00 MF$ 0.50

AN APPLICATION OF GROUP THEORY TO THE NUMERICAL INTEGRATION OF THE EQUATIONS OF MOTION OF A CONSERVATIVE DYNAMICAL SYSTEM,
N66-33573 12A S04 19 HC$ 2.00 MF$ 0.50

NEW ONE-STEP INTEGRATION METHODS OF HIGH-ORDER ACCURACY APPLIED TO SOME PROBLEMS IN CELESTIAL MECHANICS.
N66-37778 12A S04 23 HC$ 2.00 MF$ 0.50

NUMERICAL METHODS AND PROCEDURES, IMPACT SHOCK
AN ANALYSIS OF THE TWO-DIMENSIONAL PARTICLE-IN-CELL METHOD,
AD-641 655 19D T66 24 HC$ 3.00 MF$ 0.50

NYSTAGMUS, ACCELERATION TOLERANCE
CONCOMITANT VISUAL STIMULATION DOES NOT ALTER HABITUATION OF NYSTAGMIC, OCULOGYRAL OR PSYCHOPHYSICAL RESPONSES TO ANGULAR ACCELERATION,
AD-641 418 6S T66 24

N-HETEROCYCLIC COMPOUNDS, NUCLEAR MAGNETIC RESONANCE
NUCLEAR MAGNETIC RESONANCE STUDY OF 2,3-QUINOXALINE DICARBOXALDEHYDE AND ITS CYCLIC MONOHYDRATE,
AD-641 749 7C T66 24

N-HETEROCYCLIC COMPOUNDS, SYNTHESIS(CHEMISTRY)
SMALL RING COMPOUNDS.
AD-641 303 7C T66 24 HC$ 1.00 MF$ 0.50

OCEAN BOTTOM, ALKANES
SATURATED HYDROCARBONS IN MARINE PLANTS AND SEDIMENTS,
AD-641 436 8A T66 24 HC$ 3.00 MF$ 0.75

OCEAN BOTTOM, BACKSCATTERING
BOTTOM REVERBERATION IN THE NORTH ATLANTIC OCEAN AND EASTERN MEDITERRANEAN SEA.
AD-641 334 8J T66 24 HC$ 3.00 MF$ 0.50

OCEAN BOTTOM, PRESSURE
THE DYNAMIC PRESSURE TRACE AT THE SEA BOTTOM CREATED BY A GROUND EFFECT MACHINE,
AD-641 372 13J T66 24 HC$ 3.00 MF$ 0.50

OCEAN MODELS, DIFFUSION
DIFFUSION IN HYDRODYNAMIC MODELS OF STRATIFIED FLUIDS,
AD-641 403 8C T66 24 HC$ 1.00 MF$ 0.50

OCEAN WAVES, FLUID MECHANICS
MODIFICATION OF WAVE SPECTRA ON THE CONTINENTAL SHELF AND IN THE SURF ZONE.
AD-641 849 8C T66 24 HC$ 4.00 MF$ 0.75

OCEAN WAVES, NUMERICAL ANALYSIS
A NUMERICAL STUDY OF THE WIND-DRIVEN TRANSIENT CIRCULATION

IN A HOMOGENEOUS OCEAN,
AD-641 330 8C T66 24 HC$ 3.00 MF$ 0.75

OCEANOLOGY, BIBLIOGRAPHIES
SOVIET BOOKS AND PUBLICATIONS ON GEOLOGICAL AND CHEMICAL OCEANOGRAPHY, HYDROLOGY, AND OTHER SUBJECTS ACQUIRED DURING THE SECOND INTERNATIONAL OCEANOGRAPHIC CONGRESS, MOSCOW, JUNE 1966 TITLES AND SOME TRANSLATED CONTENTS AND NOTES.
AD-641 976 8J T66 24 HC$ 2.00 MF$ 0.50

OCEANOLOGY, MEXICO GULF
OCEANOGRAPHY OF THE GULF OF MEXICO.
AD-641 364 8J T66 24 HC$ 3.00 MF$ 0.75

OCEANS, FLUID FLOW
A NOTE ON THE WESTERN INTENSIFICATION OF THE OCEANIC CIRCULATION.
AD-641 732 8C T66 24

OFFICER PERSONNEL, NAVAL TRAINING
QUALIFICATIONS AND RELATED TRAINING FOR NAVAL RESERVE OFFICERS (1105) NAVAL WARFARE/OPERATIONS, SURFACE, MILITARY SEA TRANSPORTATION SERVICE AND NAVAL CONTROL OF SHIPPING ORGANIZATION,
AD-641 964 5I T66 24 HC$ 3.00 MF$ 0.75

OGIVE
PRESSURE DISTRIBUTIONS DUE TO TWO-DIMENSIONAL FABRICATION-TYPE SURFACE ROUGHNESS ON AN OGIVE CYLINDER AT TRANSONIC SPEEDS.
N66-33447 1A S04 19 HC$ 3.00 MF$ 0.75

PRESSURE DRAGS DUE TO TWO-DIMENSIONAL FABRICATION-TYPE SURFACE ROUGHNESS ON AN OGIVE CYLINDER AT TRANSONIC SPEEDS.
N66-33449 1A S04 19 HC$ 3.00 MF$ 0.50

ONE-DIMENSIONAL FLOW
ON THE QUESTION OF CALCULATION OF RADIATION IN ONE-DIMENSIONAL MOVEMENT OF MONATOMIC GAS.
N66-33980 20D S04 19 HC$ 3.00 MF$ 1.00

OPERATIONAL READINESS, PACKAGING
THE ADVANTAGES OF FUNCTIONAL PACKAGING OF ELECTRONIC EQUIPMENT.
AD-224 277 9C U41 24 HC$ 1.10

OPERATIONS RESEARCH
ON LARGE MODELS OF SYSTEMS.
N66-34069 5K S04 19 HC$ 1.00 MF$ 0.50

OPERATOR PERFORMANCE
CHARACTERIZATION OF TIME-VARYING HUMAN OPERATOR DYNAMICS.
N66-32959 5H S04 19 HC$ 3.00 MF$ 0.75

OPERATORS(MATHEMATICS), BOUNDARY VALUE PROBLEMS
ON THE SPECTRUM OF GENERAL SECOND ORDER OPERATORS.
AD-641 738 12A T66 24

OPERATORS(MATHEMATICS), CONVEX SETS
CONVEXITY WITH RESPECT TO EULER-LAGRANGE DIFFERENTIAL OPERATORS,
AD-641 688 12A T66 24

OPERATORS(MATHEMATICS), ELEMENTARY PARTICLES
A USEFUL RELATION AMONG CASIMIR OPERATORS,
AD-641 618 20J T66 24

OPERATORS(MATHEMATICS), FUNCTIONS
EXPANSION THEOREM FOR FUNCTIONS OF OPERATORS,
AD-641 552 20J T66 24

OPERATORS(MATHEMATICS), PERTURBATION THEORY
DOMAIN PERTURBATIONS OF THE BIHARMONIC OPERATOR,
AD-641 528 12A T66 24

WAVE OPERATORS AND SIMILARITY FOR SOME NON-SELFADJOINT OPERATOR,
AD-641 737 12A T66 24

OPERATORS(MATHEMATICS), THEOREMS
OPERATOR REPRESENTATION THEOREMS,
AD-641 704 12A T66 24

OPERATORS(MATHEMATICS), TRANSFORMATIONS(MATHEMATICS)
TRANSFORMATION OF OPERATORS,
AD-641 553 20J T66 24

OPTICAL COATINGS, OPTICAL ANALYSIS
THE USE OF OPTICALLY ACTIVE COATINGS IN THE SOLUTION OF PLANE ELASTO-PLASTIC PROBLEMS,
AD-641 649 20K T66 24 HC$ 1.00 MF$ 0.50

OPTICAL GYROSCOPE
OPTICAL MASER PHOTON RATE GYROSCOPE.
N66-33372 20E S04 19 HC$ 1.00 MF$ 0.50

OPTICAL INSTRUMENTS, ULTRACENTRIFUGES
ULTRACENTRIFUGE STUDIES WITH ABSORPTION OPTICS. IV, MOLECULAR WEIGHT DETERMINATIONS AT THE MICROGRAM LEVEL.
AD-641 831 6A T66 24

OPTICAL MASER
AN EVALUATION OF THE OPTICAL MASER PHOTON RATE GYROSCOPE.
N66-33411 20E S04 19 HC$ 2.00 MF$ 0.50

OPTICAL PROPERTY
PHYSICS OF THE MOON AND THE PLANETS.
N66-33526 3B S04 19 HC$ 4.00 MF$ 1.00

PROCEEDINGS OF CONFERENCE ON SPACECRAFT COATINGS DEVELOPMENT.
N66-37814 20H S04 23 HC$ 5.00 MF$ 1.25

THE EFFECTS OF A GEMINI LEFT-HAND WINDOW ON EXPERIMENTS REQUIRING ACCURACY IN SIGHTING OR RESOLUTION.
N66-38142 20F S04 23 HC$ 2.00 MF$ 0.50

OPTICAL SPECTRUM
ULTRAVIOLET MEASUREMENTS IN PLANETARY ATMOSPHERES.
N66-38722 4A S04 23 HC$ 2.00 MF$ 0.50

OPTICS
FLIGHT TESTS OF A WIDE-ANGLE, INDIRECT OPTICAL VIEWING SYSTEM IN A HIGH- PERFORMANCE JET AIRCRAFT.
N66-38880 5H S04 23 HC$ 2.00 MF$ 0.50

OPTIMAL CONTROL
STUDY OF QUASI-OPTIMUM FEEDBACK CONTROL TECHNIQUES.
N66-33458 17G S04 19 HC$ 3.00 MF$ 0.75

OPTIMIZATION
A DESIGN PROCEDURE FOR THE WEIGHT OPTIMIZATION OF STRAIGHT FINNED RADIATORS.
N66-32943 10B S04 19 HC$ 2.00 MF$ 0.50

STRUCTURAL SYSTEMS AND PROGRAM DECISIONS, VOLUME 2.
N66-33076 22B S04 19 HC$ 3.75 MF$ 1.50

OPTIMIZATION, CONTROL
OPTIMAL CONTROL OF APERIODIC DISCRETE-TIME SYSTEMS.
AD-641 493 12B T66 24

OPTIMIZATION, INVENTORY CONTROL
OPTIMAL POLICIES FOR TWO PRODUCT INVENTORY SYSTEMS, WITH AND WITHOUT SETUP COSTS.
AD-641 499 12B T66 24 HC$ 5.00 MF$ 1.00

OPTIMIZATION, THEORY
GENERAL THEORY OF OPTIMAL PROCESSES,
AD-641 620 12B T66 24

OPTIMIZATION, TRAJECTORIES
ON OPTIMIZING A TRAJECTORY TAKING INTO ACCOUNT THE MOTION ABOUT THE CENTER OF MASS,
AD-641 865 22C T66 24 HC$ 1.00 MF$ 0.50

ORBIT CALCULATION
ORBITAL PREDICTION AND DIFFERENTIAL CORRECTION USING VINTI S SPHEROIDAL THEORY FOR ARTIFICIAL SATELLITES.
N66-33503 22C S04 19 HC$ 3.00 MF$ 0.75

COMPUTATIONAL PROCEDURE FOR VINTI S ACCURATE REFERENCE ORBIT WITH INCLUSION OF THE THIRD ZONAL HARMONIC.
N66-33966 22C S04 19 HC$ 1.00 MF$ 0.50

THE DRIFT OF AN INCLINED-ORBIT 24-HOUR SATELLITE IN AN EARTH GRAVITY FIELD THROUGH FOURTH ORDER.
N66-33968 22C S04 19 HC$ 2.50 MF$ 0.75

ORBITAL SPACE STATION
AN ANALOG STUDY OF THE PASSIVE THERMAL BEHAVIOR OF AN ORBITING SPACE STATION.
N66-38414 22A S04 23 HC$ 2.00 MF$ 0.50

ORBITAL TRAJECTORIES, FOURIER ANALYSIS
THE RAPID COMPUTATION OF EARTH-SATELLITE EPHEMERIDES BY A METHOD USING FOURIER SERIES,
AD-443 216 22C U41 24 HC$ 3.60

ORBITAL VELOCITY
OPTIMUM SECONDARY IMPULSE FOR INTERPLANETARY TRANSFER TECHNICAL NOTE 64-21.
N66-32759 22C S04 19 HC$ 2.00 MF$ 0.50

ORBITING SATELLITE
SURVEY OF VLF ELECTRIC FIELDS IN THE MAGNETOSPHERE WITH THE POLAR ORBITING SPACECRAFT, 1964-45A.
N66-32722 4A S04 19 HC$ 2.50 MF$ 0.75

ORGANIC CHEMISTRY
PORPHINE-LIKE SUBSTANCES. III - SYNTHESIS BY ELECTRICAL DISCHARGE.
N66-33374 6A S04 19 HC$ 1.00 MF$ 0.50

ORGANIC COATINGS, ELECTRODEPOSITION
A STUDY ON ELECTRODEPOSITION OF ORGANIC COATINGS FOR POSSIBLE MILITARY USAGE.
AD-641 314 11C T66 24 HC$ 2.00 MF$ 0.50

ORGANIC COMPOUND
ORGANIC SEMICONDUCTORS.
N66-33683 20L S04 19 HC$ 2.50 MF$ 0.75

SEPARATION OF SIMPLE SUGARS ON CELLULOSE LAYERS.
N66-33684 6A S04 19 HC$ 1.00 MF$ 0.50

ADSORPTION BEHAVIOR OF ORGANIC COMPOUNDS.
N66-33766 7C S04 19 HC$ 2.00 MF$ 0.50

ORGANIC NITROGEN COMPOUNDS, POLARIZATION
INFLUENCE OF ELECTRIC AND MAGNETIC FIELDS ON THE MOLECULAR ALIGNMENT IN THE LIQUID CRYSTAL ANISAL-P-AMINOAZOBENZENE.
AD-641 784 7D T66 24

ORGANIC NITROGEN COMPOUNDS, SPECTRA(VISIBLE + ULTRAVIOLET)
EFFECTS OF HIGH PRESSURES ON THE ABSORPTION SPECTRUM OF AZOBENZENE.
AD-641 575 7C T66 24 HC$ 1.00 MF$ 0.50

ORGANIC PHOSPHORUS COMPOUND
MECHANISM OF PHOTOPHOSPHORYLATION FINAL REPORT.
N66-38368 6A S04 23 HC$ 1.00 MF$ 0.50

ORGANOBORANES, MASS SPECTROSCOPY
ANALYSIS OF BORANES AND CARBORANES BY MASS SPECTROMETRY,
AD-641 578 7B T66 24 HC$ 2,00 MF$ 0.50

ORTHOGONAL FUNCTION
AN EXPERIMENT ON THE QUANTITATIVE DESCRIPTION OF CLIMATIC ELEMENT FIELD BY ORTHOGONAL FUNCTIONS,
N66-38717 4B S04 23 HC$ 1,00 MF$ 0.50

OSCILLATING CYLINDER
EFFECTIVE MOMENT OF INERTIA AND VELOCITY RATIO FOR LIQUID-FILLED CYLINDRICAL TANKS OSCILLATING ABOUT THE LONGITUDINAL AXIS,
N66-33433 21I S04 19 HC$ 2,00 MF$ 0.50

OSCILLATION
A STUDY OF DAMPING IN NONLINEAR OSCILLATIONS,
N66-37641 1A S04 23 HC$ 2,50 MF$ 0.50

RESPONSE OF PANELS TO OSCILLATING SHOCK WAVES,
N66-38727 1A S04 23 HC$ 3,00 MF$ 0.75

OSCILLATOR
OSCILLATOR STRENGTHS AND HIGH ACCURACY WAVE FUNCTIONS FOR NEUTRAL HELIUM,
N66-33385 20J S04 19 HC$ 1,00 MF$ 0.50

OSCILLATORS, AUDIOFREQUENCY
AUDIO OSCILLATOR, LAJ-4,
PB-173 502 9C U41 24 HC$ 1,00 MF$ 0.50

OSCILLATORS, QUARTZ
A TRANSISTORIZED FREQUENCY STANDARD,
AD-251 107 9E U41 24 HC$ 1,60

OXALATE
STUDY OF THE PROPAGATION PROCESS OF A REACTION IN SOLID PHASES,
N66-33682 20L S04 19 HC$ 2,00 MF$ 0.50

OXIDATION
ELECTRON DIFFRACTION STUDY OF THE OXIDATION PROCESS OF THIN FILMS OF INTERMETALLIC COMPOUNDS OF THE SYSTEM NICKEL-ALUMINUM,
N66-33704 11F S04 19 HC$ 1,00 MF$ 0.50

OXIDATION-REDUCTION REACTIONS, TRANSURANIUM ELEMENTS
CINETIQUE DES REACTIONS D OXYDO-REDUCTION DES ELEMENTS TRANSURANIENS EN SOLUTION (KINETICS OF TRANSURANIUM ELEMENT OXIDATION-REDUCTION REACTIONS IN SOLUTION),
PB-173 387 7E U41 24 HC$ 3,00 MF$ 0.75

OXIDES, MAGNESIUM COMPOUNDS
TEMPERATURE DEPENDENCE OF INFRARED DISPERSION IN IONIC CRYSTALS LIF AND MGO,
AD-641 694 20F T66 24

OXYGEN
THE PHOTOCHEMICAL EVOLUTION OF OXYGEN FINAL SCIENTIFIC REPORT, 1962-1965,
N66-38175 7E S04 23 HC$ 2,00 MF$ 0.50

OXYGEN CONSUMPTION, KIDNEYS
MEASUREMENT OF OXYGEN TENSION AND SATURATION IN THE DIAGNOSIS OF RENAL ISCHEMIC HYPERTENSION,
AD-641 373 6E T66 24

OXYGEN DETECTOR
INVESTIGATION OF SOLUBILITY AND DIFFUSION OF OXYGEN IN REFRACTORY METALS SECOND QUARTERLY REPORT, 1 OCT. - 31 DEC. 1965,
N66-38755 11F S04 23 HC$ 2,00 MF$ 0.50

OXYGEN SENSOR
FLIGHT TYPE OXYGEN PARTIAL PRESSURE SENSOR,
N66-33459 6B S04 19 HC$ 2,00 MF$ 0.50

OXYGEN, GAS IONIZATION
KINETIC ENERGY DISTRIBUTION OF NEGATIVE IONS FORMED BY DISSOCIATIVE ATTACHMENT AND THE MEASUREMENT OF THE ELECTRON AFFINITY OF OXYGEN,
AD-641 848 7D T66 24 HC$ 2,00 MF$ 0.50

OXYGEN, IRON ALLOYS
STANDARD REFERENCE MATERIALS DETERMINATION OF OXYGEN IN FERROUS MATERIALS SRM 1090, 1091, AND 1092,
NBS-MISC-PUB-260-14 11F U41 24 HC$ 0,30 MF$ 0.50

OXYGEN, TOXICITY
THE STUDY OF MAN DURING A 56-DAY EXPOSURE TO AN OXYGEN-HELIUM ATMOSPHERE AT 258 MM. HG TOTAL PRESSURE. IX. NUTRITIONAL EVALUATION OF FEEDING BITE-SIZE FOODS,
AD-641 804 6S T66 24

STUDY OF MAN DURING A 56-DAY EXPOSURE TO AN OXYGEN-HELIUM ATMOSPHERE AT 258 MM. HG TOTAL PRESSURE. V. EXERCISE PERFORMANCE AND CARDIOVASCULAR RESPONSE,
AD-641 805 6S T66 24

STUDY OF MAN DURING A 56-DAY EXPOSURE TO AN OXYGEN-HELIUM ATMOSPHERE AT 258 MM. HG TOTAL PRESSURE. IV. SELECTED BLOOD ENZYME RESPONSE,
AD-641 806 6S T66 24

THE STUDY OF MAN DURING A 56-DAY EXPOSURE TO AN OXYGEN-HELIUM ATMOSPHERE AT 258 MM. HG TOTAL PRESSURE. XIII. BEHAVIOR FACTORS,
AD-641 807 6S T66 24

STUDY OF MAN DURING A 56-DAY EXPOSURE TO AN OXYGEN-HELIUM ATMOSPHERE AT 258 MM. HG TOTAL PRESSURE. XI. ORAL, CUTANEOUS, AND AEROSOL BACTERIOLOGIC EVALUATION,
AD-641 816 6S T66 24

STUDY OF MAN DURING A 56-DAY EXPOSURE TO AN OXYGEN-HELIUM ATMOSPHERE AT 258 MM. HG TOTAL PRESSURE. X. ENTERIC MICROBIAL FLORA,
AD-641 817 6S T66 24

STUDY OF MAN DURING A 56-DAY EXPOSURE TO AN OXYGEN-HELIUM ATMOSPHERE AT 258 MM. HG TOTAL PRESSURE. III. RENAL RESPONSE,
AD-641 818 6S T66 24

STUDY OF MAN DURING A 56-DAY EXPOSURE TO AN OXYGEN-HELIUM ATMOSPHERE AT 258 MM. HG TOTAL PRESSURE. II. MAJOR AND MINOR ATMOSPHERIC COMPONENTS,
AD-641 819 6S T66 24

STUDY OF MAN DURING A 56-DAY EXPOSURE TO AN OXYGEN-HELIUM ATMOSPHERE AT 258 MM. HG TOTAL PRESSURE. I. INTRODUCTION AND GENERAL EXPERIMENTAL DESIGN,
AD-641 820 6S T66 24

OBSERVATIONS ON MAN IN AN OXYGEN-HELIUM ENVIRONMENT AT 380 MM. HG TOTAL PRESSURE. III. HEAT EXCHANGE,
AD-641 827 6S T66 24

OBSERVATIONS ON MAN IN AN OXYGEN-HELIUM ENVIRONMENT AT 380 MM. HG TOTAL PRESSURE. II. RESPIRATORY,
AD-641 828 6S T66 24

THE STUDY OF MAN DURING A 56-DAY EXPOSURE TO AN OXYGEN-HELIUM ATMOSPHERE AT 258 MM HG TOTAL PRESSURE. VII. RESPIRATORY FUNCTION,
AD-641 829 6S T66 24

THE STUDY OF MAN DURING A 56-DAY EXPOSURE TO AN OXYGEN-HELIUM ATMOSPHERE AT 258 MM. HG TOTAL PRESSURE VIII. OBSERVATIONS ON FEEDING BITE-SIZE FOODS,
AD-641 830 6S T66 24

THE STUDY OF MAN DURING A 56-DAY EXPOSURE TO AN OXYGEN-HELIUM ATMOSPHERE AT 258 MM. HG. TOTAL PRESSURE. XII. CLINICAL OBSERVATIONS,
AD-641 953 6S T66 24

O-HETEROCYCLIC COMPOUNDS, NUCLEAR MAGNETIC RESONANCE
NUCLEAR MAGNETIC RESONANCE STUDY OF 2,3-QUINOXALINE DICARBOXALDEHYDE AND ITS CYCLIC MONOHYDRATE,
AD-641 748 7C T66 24

PACKAGING, ELECTRONIC EQUIPMENT
THE ADVANTAGES OF FUNCTIONAL PACKAGING OF ELECTRONIC EQUIPMENT,
AD-224 277 9C U41 24 HC$ 1,10

PALLADIUM COMPOUNDS, SUPERCONDUCTORS
THE OCCURRENCE OF SUPERCONDUCTIVITY IN SULFIDES, SELENIDES, TELLURIDES OF PT-GROUP METALS,
AD-641 793 20C T66 24

PANEL
RESPONSE OF PANELS TO OSCILLATING SHOCK WAVES,
N66-38727 1A S04 23 HC$ 3,00 MF$ 0.75

PANEL FLUTTER
COMPARISON OF PANEL FLUTTER RESULTS FROM APPROXIMATE AERODYNAMIC THEORY WITH RESULTS FROM EXACT INVISCID THEORY AND EXPERIMENT,
N66-38412 20K S04 23 HC$ 2,00 MF$ 0.50

PAPER INDUSTRY, WISCONSIN
THE UTILIZATION OF SURPLUS WOODS FOR PULP AND PAPER IN THE FIVE COUNTY AREA COMPOSED OF ASHLAND, PAYFIELD, DOUGLAS, IRON, AND PRICE COUNTIES OF NORTHERN WISCONSIN,
PB-173 506 11L U41 24 HC$ 4,00 MF$ 0.75

PARABOLA
THERMAL DISTORTIONS OF THIN-WALLED PARABOLOIDAL SHELLS,
N66-33970 20K S04 19 HC$ 2,00 MF$ 0.50

PARABOLIC VELOCITY
RADAR AS A REMOTE SENSOR,
N66-32741 17I S04 19 HC$ 2,50 MF$ 0.50

PARAGLIDER
LOW-SUBSONIC WIND-TUNNEL AND FREE-FLIGHT DROP-TEST INVESTIGATION OF A PARAGLIDER CONFIGURATION HAVING LARGE TAPERED LEADING EDGES AND KEEL,
N66-38136 1A S04 23 HC$ 2,00 MF$ 0.50

PARALLEL PLATE
THEORETICAL INVESTIGATION OF TURBULENT LIQUID-METAL HEAT TRANSFER IN CHANNELS WITH HEAT SOURCES IN THE FLUID,
N66-38801 20H S04 23 HC$ 2,50 MF$ 0.75

PARAMAGNETIC MATERIALS, SUPERCONDUCTIVITY
EFFECT OF THE SUHL-ABRIKOSOV RESONANCE ON THE TRANSITION TEMPERATURE OF SUPERCONDUCTORS,
AD-641 775 20C T66 24

PARASITIC DISEASES, HONG KONG
CHINESE LIVER FLUKE--CLONORCHIS SINENSIS--ITS OCCURRENCE IN HONG KONG,
AD-641 882 6E T66 24

PARTIAL DIFFERENTIAL EQUATION
A UNIFIED APPROACH TO ONE-DIMENSIONAL ELASTIC WAVES BY THE METHOD OF CHARACTERISTICS,
N66-38719 20K S04 23 HC$ 2,00 MF$ 0.50

PARTIAL DIFFERENTIAL EQUATIONS, BOUNDARY VALUE PROBLEMS
REMOVABLE SINGULARITIES OF SOLUTIONS OF ELLIPTIC EQUATIONS. II.
AD-641 520 12A T66 24

A GENERALIZED GOURSAT PROBLEM FOR ELLIPTIC EQUATIONS.
AD-641 724 12A T66 24

PARTIAL DIFFERENTIAL EQUATIONS, THEOREMS
COMPARISON THEOREMS FOR ELLIPTIC DIFFERENTIAL EQUATIONS.
AD-641 529 12A T66 24

PARTIAL DIFFERENTIAL EQUATIONS, THEORY
ISOLATED SINGULARITIES OF SOLUTIONS OF QUASI-LINEAR EQUATIONS.
AD-641 521 12A T66 24

PARTICLE BEAM
SCATTERING OF ENERGETIC PARTICLES BY LABORATORY PLASMAS.
N66-34076 20I S04 19 HC$ 2.00 MF$ 0.50

PARTICLE COLLISION
WAVE-PARTICLE INTERACTIONS IN THE SOLAR WIND.
N66-33389 20H S04 19 HC$ 2.00 MF$ 0.50

THE SOLAR WIND AND ITS INTERACTION WITH THE MAGNETOSPHERE.
N66-33419 4A S04 19 HC$ 2.00 MF$ 0.50

PARTICLE COUNTER
STUDY OF CONTAMINATION SENSORS, VOLUME II - FINAL TECHNICAL REPORT.
N66-37943 14B S04 23 HC$ 7.00 MF$ 2.00

STUDY OF CONTAMINATION SENSORS, VOLUME I - EXECUTIVE SUMMARY REPORT.
N66-37944 14B S04 23 HC$ 2.00 MF$ 0.50

PARTICLE DETECTOR
CHEMICAL ANALYSIS OF SURFACES USING ALPHA PARTICLES.
N66-33168 7D S04 19 HC$ 3.00 MF$ 0.75

PARTICLE FLUX
AN APPARENTLY HIGH FLUX OF PRIMARY COSMIC-RAY GAMMA-PARTICLES AT 41 DEG N. MAG..
N66-32964 20H S04 19 HC$ 1.00 MF$ 0.50

PARTICLE MOTION
COMPUTER DERIVATIONS OF EQUATIONS OF MOTION IN A GENERAL ORTHOGONAL CURVILINEAR COORDINATE SYSTEM USING THE FORMAC LANGUAGE.
N66-38724 9B S04 23 HC$ 1.00 MF$ 0.50

PASTEURELLA PESTIS, TOXINS + ANTITOXINS
EFFECT OF PLAGUE TOXIN ON BLOOD PROTEINS AND INCORPORATION OF METHIONINE-S35 INTO TISSUE PROTEINS.
AD-641 427 6E T66 24 HC$ 1.00 MF$ 0.50

PASTEURELLA PESTIS, VIABILITY
BIOCHEMICAL AND PHYSICAL CHANGES IN SHAKEN SUSPENSIONS OF PASTEURELLA PESTIS.
AD-641 947 6M T66 24

PATTERN RECOGNITION
SPECTRAL ANALYSIS TECHNIQUES AND PATTERN RECOGNITION METHODS FOR ELECTROENCEPHALOGRAPHIC DATA.
N66-33387 6B S04 19 HC$ 2.00 MF$ 0.50

PATTERN RECOGNITION, OPTIMIZATION
STATISTICAL ANALYSIS OF ADAPTIVE LINEAR CLASSIFIERS.
AD-443 844 6D U41 24 HC$ 10.00

PAVEMENTS, ASPHALT
DEVELOPMENT OF AN ASPHALT PAVEMENT AIR PERMEAMETER AND EVALUATION OF ITS USE.
PB-173 487 13B U41 24 HC$ 6.00 MF$ 1.25

PAVEMENTS, STABILIZATION
SPLIT-TENSILE STRENGTH OF LIME-STABILIZED SOILS.
PB-173 497 8M U41 24 HC$ 1.00 MF$ 0.50

PAVEMENTS, TEST METHODS
MAINE TEST FOR DELETERIOUS MATERIAL IN AGGREGATES.
PB-173 362 13B U41 24 HC$ 2.00 MF$ 0.50

PAVEMENTS, VISUAL SIGNALS
EXPERIMENTAL PAVEMENT MARKINGS.
PB-173 493 13B U41 24 HC$ 2.00 MF$ 0.50

PAYLOAD
DEVELOPMENT OF A SMALL ANIMAL PAYLOAD AND INTEGRATION WITH A SOUNDING ROCKET.
N66-33540 22B S04 19 HC$ 3.00 MF$ 0.75

SELECTION OF PARAMETERS FOR A DYNAMIC SYSTEM UNIVERSAL FOR A GIVEN GROUP OF MANEUVERS.
N66-33696 22A S04 19 HC$ 1.00 MF$ 0.50

PENETRATION
USE OF ORBITAL RADARS FOR GEOSCIENCE INVESTIGATIONS.
N66-32750 8B S04 19 HC$ 2.00 MF$ 0.50

PENETRATION BALLISTICS
EFFECT OF TARGET MATERIAL YIELD STRENGTH ON HYPERVELOCITY PERFORATION AND BALLISTIC LIMIT.
N66-33369 20K S04 19 MF$ 0.50

PENETROMETER
INSTRUMENTATION FOR INVESTIGATING THE PHYSICAL PROPERTIES OF THE LUNAR SURFACE.
N66-33167 3A S04 19 HC$ 1.00 MF$ 0.50

PENTABORANES, FLAME PROPAGATION
THE DETERMINATION OF FLAME SPEED OF PENTABORANE-OXYGEN-NITROGEN MIXTURES.
AD-641 503 21B T66 24 HC$ 2.00 MF$ 0.50

PENTODES, CIRCUITS
THE USE OF CONDUCTANCE CURVES FOR PENTODE CIRCUIT DESIGN.
AD-641 981 9A T66 24 HC$ 1.60 MF$ 0.50

PERCEPTION
RESEARCH IN PSYCHOBIOLOGY.
N66-33445 5J S04 19 HC$ 1.00 MF$ 0.50

PERFECT GAS
FLOW FIELD COMPUTER PROGRAM FINAL REPORT.
N66-33713 20D S04 19 HC$ 2.50 MF$ 0.50

AN ANALYSIS OF SUPERSONIC FLOW PHENOMENA IN CONICAL NOZZLES BY A METHOD OF CHARACTERISTICS.
N66-33972 20D S04 19 HC$ 2.00 MF$ 0.50

PERFORMANCE CHARACTERISTICS
AERODYNAMIC PERFORMANCE AND STATIC STABILITY AND CONTROL OF FLAT-TOP HYPERSONIC GLIDERS AT MACH NUMBERS FROM 0.6 TO 18.
N66-33311 1D S04 19 HC$ 3.00 MF$ 0.75

CHEMICAL SPECIES AND CHEMICAL REACTIONS OF IMPORTANCE IN NONEQUILIBRIUM PERFORMANCE CALCULATIONS.
N66-33714 21B S04 19 HC$ 2.00 MF$ 0.50

SOLID PROPELLANT ROCKET MOTOR PERFORMANCE COMPUTER PROGRAMS USING THE GROUP TRANSFORMATION METHOD.
N66-38417 21M S04 23 HC$ 3.00 MF$ 1.00

RANGER BLOCK III ATTITUDE CONTROL SYSTEM - MANUFACTURING, TESTING, AND PERFORMANCE.
N66-38501 22B S04 23 HC$ 3.00 MF$ 0.75

PERFORMANCE DECREMENT
A TECHNIQUE TO INVESTIGATE SPACE MAINTENANCE TASKS.
N66-38115 5M S04 23 HC$ 1.00 MF$ 0.50

PERIODIC FUNCTION
ONE NON-LINEAR PROBLEM WITH A FREE BOUNDARY.
N66-33680 12A S04 19 HC$ 1.00 MF$ 0.50

PERIODICALS, MATHEMATICS
JOURNAL OF THE SOCIETY FOR INDUSTRIAL AND APPLIED MATHEMATICS, SERIES A CONTROL, VOL. 3, NO. 2.
AD-641 628 12A T66 24

PERMEAMETERS, AIR
DEVELOPMENT OF AN ASPHALT PAVEMENT AIR PERMEAMETER AND EVALUATION OF ITS USE.
PB-173 487 13B U41 24 HC$ 6.00 MF$ 1.25

PERSONALITY, ATTITUDES
PERSONALITY DIFFERENCES IN DISSONANCE RESOLUTION.
AD-641 511 5J T66 24 HC$ 1.00 MF$ 0.50

PERSONNEL MANAGEMENT, INDUSTRIAL RESEARCH
ORGANIZATIONAL FACTORS IN SCIENTIFIC PERFORMANCE IN AN INDUSTRIAL RESEARCH LABORATORY.
AD-641 423 5A T66 24 HC$ 6.00 MF$ 1.25

PERSONNEL PROPULSION SYSTEM
AN ENGINEERING STUDY AND PRELIMINARY DESIGN OF A ONE MAN PROPULSION DEVICE FOR LUNAR AND FREE-SPACE ENVIRONMENTS MID-POINT ORAL STATUS REPORT.
N66-33717 5E S04 19 HC$ 2.50 MF$ 0.50

PERSPIRATION, MEASUREMENT
TECHNIQUES FOR MEASUREMENT OF SWEATING RATES.
AD-641 353 6P T66 24

PERTURBATION
AN APPRAISAL OF FOPIM FAST-CONVERGING PERTURBATION METHOD.
N66-33174 20J S04 19 HC$ 1.00 MF$ 0.50

RECENT RESULTS IN THE STUDY OF PROBLEMS OF MIXING AND REATTACHMENT.
N66-33692 20D S04 19 HC$ 1.00 MF$ 0.50

NONSTEADY LIQUID AND GAS FLOW WITH HEAT ADDITION AND SHOCK PERTURBATIONS.
N66-38748 20D S04 23 HC$ 2.50 MF$ 0.75

PERTURBATION THEORY
ON THE GENERAL PERTURBATIONS OF THE POSITION VECTORS OF A PLANETARY SYSTEM.
N66-33371 3A S04 19 HC$ 2.00 MF$ 0.50

AN APPLICATION OF HIRSCHFELDER- SILBEY PERTURBATION THEORY TO THE H2 PLUS ION.
N66-37904 7D S04 23 HC$ 1.00 MF$ 0.50

PERTURBATION THEORY, HARTREE-FOCK APPROXIMATION
APPROXIMATIONS TO HARTREE-FOCK PERTURBATION THEORY.
AD-641 486 7D T66 24

PERTURBATION THEORY, OPERATORS(MATHEMATICS)
DOMAIN PERTURBATIONS OF THE BIHARMONIC OPERATOR.
AD-641 526 12A T66 24

WAVE OPERATORS AND SIMILARITY FOR SOME NON-SELFADJOINT OPERATOR.
AD-641 737 12A T66 24

PETROLOGY
LUNAR DIFFERENTIATION PROCESSES.

N66-33169 3B S04 19 HC$ 1.00 MF$ 0.50

PFM TELEMETRY
COMPARISON OF PERFORMANCE OF PCM AND PFM TELEMETRY SYSTEMS.
N66-33971 9F S04 19 HC$ 1.00 MF$ 0.50

PHASE CONTROL DEVICES, NETWORKS
USING A PARALLEL-T NETWORK FOR DEVELOPING QUADRATURE VOLTAGES AT VARIABLE FREQUENCIES.
AD-641 985 9A T66 24 HC$ 2.00 MF$ 0.50

PHASE DIAGRAM
PHASE DIAGRAM AND PROPERTIES OF ALLOYS OF THE ALUMINUM-SCANDIUM SYSTEM.
N66-33687 11F S04 19 HC$ 1.00 MF$ 0.50

PHASE LOCK
USE OF PHASE-LOCKED-LOOP CONTROL FOR DRIVING ULTRASONIC TRANSDUCERS.
N66-33455 9C S04 19 HC$ 1.00 MF$ 0.50

VEHICLE TRACKING RECEIVER DESIGN.
N66-38787 9F S04 23 HC$ 3.00 MF$ 0.75

PHASE SHIFT
INTERMEDIATE ENERGY PHYSICS, VOLUME I.
N66-32726 20H S04 19 HC$ 5.65 MF$ 2.50

INTERMEDIATE ENERGY PHYSICS, VOLUME II.
N66-32766 20H S04 19 HC$ 4.25 MF$ 2.00

PHASE SHIFT, WAVEGUIDES
MEASUREMENT OF DIFFERENTIAL PHASE SHIFT.
AD-111 685 14B U41 24 HC$ 2.60

PHASE STUDIES, STATISTICAL MECHANICS
RIGOROUS TREATMENT OF THE VAN DER WAALS-MAXWELL THEORY OF THE LIQUID-VAPOR TRANSITION.
AD-641 632 20H T66 24

PHENOL RESIN
EVALUATION OF SEVERAL SILICONE, PHENOLIC, AND EPOXY BASE HEAT-SHIELD MATERIALS AT VARIOUS HEAT-TRANSFER RATES AND DYNAMIC PRESSURES.
N66-39139 11I S04 23 HC$ 2.50 MF$ 0.75

PHENOLIC PLASTICS, PREPARATION
EXPLORATION OF THE FEASIBILITY OF PREPARING DOUBLE CHAIN NOVOLAC RESINS.
AD-641 872 11A T66 24 HC$ 2.00 MF$ 0.50

PHONON
THE EFFECT OF DEFECTS ON THE BASAL PLANE THERMAL CONDUCTIVITY OF A GRAPHITE CRYSTAL. PART 2 - COMPARISON OF THE THEORY OF POINT DEFECT SCATTERING WITH CHANGES OF CONDUCTIVITY INDUCED BY FAST NEUTRON IRRADIATION. PART 3 - TEST OF THE THEORY OF GRAIN BOUNDARY SCATTERING.
N66-37785 20B S04 23 HC$ 1.00 MF$ 0.50

PHOSPHATE
LIFE DETECTION SUBSYSTEM PROGRESS REPORT NO. 1.
N66-33444 6P S04 19 HC$ 3.00 MF$ 0.50

PHOSPHONIC ACIDS, CHEMICAL PROPERTIES
PHOSPHONIC ACIDS AND ESTERS. XV. PREPARATION AND PROTON MAGNETIC RESONANCE SPECTRA OF THE DIETHYL ALPHA- AND BETA-CHLOROVINYLPHOSPHONATES.
AD-641 731 7C T66 24

PHOSPHORYLATION
MECHANISM OF PHOTOPHOSPHORYLATION FINAL REPORT.
N66-38368 6A S04 23 HC$ 1.00 MF$ 0.50

PHOTOCHEMISTRY
THE PHOTOCHEMICAL EVOLUTION OF OXYGEN FINAL SCIENTIFIC REPORT, 1962-1965.
N66-38175 7E S04 23 HC$ 2.00 MF$ 0.50

PHOTOCHROMISM, CAMOUFLAGE
COMPOUNDS TO CHANGE COLOR WITH ENVIRONMENTAL CHANGE.
AD-453 659 15G U41 24 HC$ 2.00

PHOTOCHROMISM, LASERS
BLEACHING MECHANISM OF ORGANIC PHOTOTROPIC SUBSTANCES USED IN RUBY LASERS AS SWITCHES.
AD-641 876 20E T66 24 HC$ 1.00 MF$ 0.50

PHOTOELECTRIC APPARATUS
PHOTOELECTRIC RECORDING DEVICE OF HIGH SENSITIVITY AND ACCURACY FOR SPECTROGRAPHS.
N66-39780 20F S04 23 HC$ 1.00 MF$ 0.50

PHOTOELECTRIC EFFECT, THEORY
BAND STRUCTURE AND ELECTRON-ELECTRON INTERACTIONS IN COPPER AND SILVER-PHOTOEMISSION STUDIES.
AD-442 497 20H U41 24 HC$ 9.60

PHOTOELECTRIC MATERIALS, SONAR EQUIPMENT
INVESTIGATION OF PHOTOCONDUCTOR MATERIALS FOR A SOLID-STATE SONAR DISPLAY.
AD-453 096 11G U41 24 HC$ 1.00

PHOTOELECTRIC PHOTOMETRY
PHOTOELECTRIC PHOTOMETRY OF RR LYRAE STARS.
N66-33137 3B S04 19 HC$ 1.00 MF$ 0.50

PHOTOELECTRICITY
EFFECT OF CRYSTALLINE STRUCTURE ON THE PHOTOELECTRIC PROPERTIES OF THIN LAYERS OF CADMIUM SULFIDE.
N66-33705 20L S04 19 HC$ 1.00 MF$ 0.50

PHOTOGRAMMETRY, ERRORS
ERROR THEORY OF INTERSECTION PHOTOGRAMMETRY.
AD-641 347 8E T66 24 HC$ 3.60 MF$ 0.50

PHOTOGRAMMETRY, GEODESICS
SPATIAL TRIANGULATION BY MEANS OF PHOTOGRAMMETRY.
AD-641 342 8E T66 24 HC$ 8.60 MF$ 0.75

PHOTOGRAMMETRY, PROGRAMMING(COMPUTERS)
BRLESC FORTRAN II COMPUTER PROGRAMS FOR ANALYTICAL SOLUTIONS OF THE GENERAL PROBLEM OF PHOTOGRAMMETRY.
AD-641 386 8E T66 24 HC$ 5.00 MF$ 1.00

PHOTOGRAMMETRY, WATER WAVES
PHOTOGRAMMETRIC DEFINITION OF A WAVE SURFACE.
AD-641 396 20D T66 24 HC$ 3.00 MF$ 0.50

PHOTOGRAPH INTERPRETATION
PROJECT SLOPE - STUDY OF LUNAR ORBITER PHOTOGRAPHIC EVALUATION FINAL REPORT.
N66-38492 14E S04 23 HC$ 3.25 MF$ 1.00

PHOTOGRAPHIC APPARATUS
RESEARCH RELATED TO AN EXPERIMENTAL TEST OF GENERAL RELATIVITY SEMIANNUAL STATUS REPORT, 1 JAN. - 30 JUN. 1966.
N66-34067 20J S04 19 HC$ 2.00 MF$ 0.50

PHOTOINTERPRETATION, DATA PROCESSING SYSTEMS
ORGANIZATION AND PRESENTATION OF IMAGE INTERPRETER REFERENCE AND AUXILIARY INFORMATION.
AD-641 326 5B T66 24 HC$ 4.00 MF$ 0.75

PHOTOMETRY
FUNDAMENTAL DATA FOR SOUTHERN STARS (SIXTH LISTS).
N66-33100 3B S04 19 HC$ 1.00 MF$ 0.50

LUNAR SIMULATION MODEL AND OPTICAL STUDIES FOR LUNAR ORBITER SYSTEM SUPPORT.
N66-38493 14B S04 23 HC$ 2.50 MF$ 0.75

PHOTON
SEARCH FOR HIGH-ENERGY PHOTONS FROM DISCRETE SOURCES OF COSMIC RADIATION.
N66-33691 20H S04 19 HC$ 1.00 MF$ 0.50

PHOTOSYNTHESIS
MECHANISM OF PHOTOPHOSPHORYLATION FINAL REPORT.
N66-38368 6A S04 23 HC$ 1.00 MF$ 0.50

PHOTOVOLTAIC CELL
PHOTOVOLTAIC EFFECT AND UTILIZATION OF PHOTOVOLTAIC CELLS - EFFECT OF SUB-THRESHOLD ELECTRON RADIATION ON SURFACE PROPERTIES OF GE P-V CELLS SECOND SEMIANNUAL REPORT, 1 NOV. 1965 - 31 MAY 1966.
N66-33388 10A S04 19 HC$ 2.00 MF$ 0.50

PHOTOVOLTAIC EFFECT
INFRARED QUENCHING OF THE PHOTOVOLTAIC EFFECT IN CADMIUM SULFIDE.
N66-33685 20L S04 19 HC$ 1.00 MF$ 0.50

PHYSICAL FACTOR
A STUDY OF MAN S PHYSICAL CAPABILITIES ON THE MOON. VOLUME IV - INVESTIGATION OF LUNAR GRAVITY SIMULATION TECHNIQUES.
N66-38799 6B S04 23 HC$ 2.50 MF$ 0.50

PHYSICAL PROPERTY
INSTRUMENTATION FOR INVESTIGATING THE PHYSICAL PROPERTIES OF THE LUNAR SURFACE.
N66-33167 3A S04 19 HC$ 1.00 MF$ 0.50

STRUCTURAL APPLICATIONS FOR ADVANCED COMPOSITE MATERIALS.
N66-33172 20K S04 19 HC$ 1.00 MF$ 0.50

IDENTIFICATION OF UNCOMMON NON-CRYSTALLINE SOLIDS AS REA GLASSES.
N66-33185 11B S04 19 HC$ 1.00 MF$ 0.50

SUMMARY OF MATERIALS TECHNOLOGY OF M-1 ENGINE.
N66-33977 13H S04 19 HC$ 2.50 MF$ 0.75

PHYSICAL SCIENCE
DEMAND FOR ENGINEERS AND SCIENTISTS.
N66-38721 5I S04 23 HC$ 3.00 MF$ 0.75

PHYSICAL WORK
A STUDY OF MAN S PHYSICAL CAPABILITIES ON THE MOON. VOLUME I, PART 1 - LUNAR GRAVITY SIMULATION FACILITY.
N66-38794 14B S04 23 HC$ 2.00 MF$ 0.50

A STUDY OF MAN S PHYSICAL CAPABILITIES ON THE MOON. VOLUME II, PART 2 - BIOMECHANICS RESEARCH PROGRAM APPENDICES.
N66-38797 6B S04 23 HC$ 4.25 MF$ 2.00

PHYSICS
UNCLASSIFIED INFORMATION LIST, 12-16 SEPTEMBER 1966.
N66-38726 5B S04 23 HC$ 1.00 MF$ 0.50

PHYSICS, DOCUMENTATION
AUTOMATIC INTRODUCTION OF INFORMATION INTO A REMOTE-ACCESS SYSTEM - A PHYSICS LIBRARY CATALOG.
AD-641 564 5B T66 24 HC$ 3.00 MF$ 0.75

PHYSICS, SCIENTIFIC RESEARCH
PROGRESS REPORT FOR MARCH-AUGUST, 1966.
AD-641 851 5A T66 24 HC$ 6.00 MF$ 1.25

PHYSICS, SUBJECT INDEXING
INDEXING PHYSICS RESEARCH PAPERS. COMMENTARY.
PB-173 461 5B U41 24 HC$ 1.10 MF$ 0.50

PHYSIOLOGICAL FACTOR
A STUDY OF MAN S PHYSICAL CAPABILITIES ON THE MOON. VOLUME I, PART 2 - INSTRUMENTATION.
N66-39795 6B S04 23 HC$ 2.00 MF$ 0.50

A STUDY OF MAN S PHYSICAL CAPABILITIES ON THE MOON. VOLUME III - WORK PHYSIOLOGY RESEARCH PROGRAM.
N66-39798 6B S04 23 HC$ 4.25 MF$ 2.00

PHYSIOLOGICAL PHENOMENON
WHAT S IN THE BRAIN THAT INK MAY CHARACTER (QUES).
N66-33422 9F S04 19 HC$ 1.00 MF$ 0.50

PHYSIOLOGICAL RESPONSE
VISUAL AND CONTROL ASPECTS OF SACCADIC EYE MOVEMENTS.
N66-37775 6P S04 23 HC$ 3.00 MF$ 1.00

PHYSIOLOGY
AN IMPORTANT STEP IN SPACE MEDICINE, SOME RESULTS OF THE EXPERIMENT ON THE COSMOS 110 SATELLITE.
N66-33725 6S S04 19 HC$ 1.00 MF$ 0.50

PIEZOELECTRIC CRYSTALS, SOLID STATE PHYSICS
APPROACHES TO PIEZOELECTRICITY AND ELASTICITY IN MIXED IONIC COVALENT COMPOUNDS.
AD-641 538 20L T66 24

PIEZOELECTRIC EFFECT, POLARIZATION
POLARIZATION DEPENDENCE OF THE INDIRECT PIEZOABSORPTION COEFFICIENT IN GE AND SI.
AD-641 523 20L T66 24

PILOT PERFORMANCE
CHARACTERIZATION OF TIME-VARYING HUMAN OPERATOR DYNAMICS.
N66-32959 5H S04 19 HC$ 3.00 MF$ 0.75

FLIGHT SIMULATED OFF-THE-PAD ESCAPE AND LANDING MANEUVERS FOR A VERTICALLY LAUNCHED HYPERSONIC GLIDER.
N66-33330 1B S04 19 HC$ 2.00 MF$ 0.50

PILOT DESCRIBING FUNCTION MEASUREMENTS IN A MULTILOOP TASK.
N66-33461 5H S04 19 HC$ 2.00 MF$ 0.50

HUMAN TRACKING PERFORMANCE IN UNCOUPLED AND COUPLED TWO-AXIS SYSTEMS.
N66-33901 5H S04 19 HC$ 5.00 MF$ 0.75

PILOTS, TRAINING
THE EFFECT OF PRIOR EXPERIENCE ON ACQUIRING SKILL ON A SIMULATED INERTIAL CONTROL TASK.
AD-641 389 5I T66 24 HC$ 2.00 MF$ 0.50

PION
INTERMEDIATE ENERGY PHYSICS, VOLUME I.
N66-32726 20H S04 19 HC$ 5.65 MF$ 2.50

PITCH CONTROL
LOW-SPEED WIND-TUNNEL STUDIES RELATING TO PITCH-UP ON A SUPERSONIC TRANSPORT MODEL WITH A HIGH-ASPECT-RATIO VARIABLE SWEEP WING.
N66-33828 1C S04 19 HC$ 3.00 MF$ 0.75

EXPERIMENTAL INVESTIGATION OF A BODY FLARE FOR OBTAINING PITCH STABILITY AND A BODY FLAP FOR OBTAINING PITCH CONTROL IN HYPERSONIC FLIGHT.
N66-34083 1D S04 19 HC$ 2.00 MF$ 0.50

PLANE WAVE
APPROXIMATE METHODS FOR THE COMPUTATION OF WAVE PROPAGATION IN NONUNIFORM MEDIA INTERIM REPORT NO. 1.
N66-33409 20N S04 19 HC$ 2.00 MF$ 0.50

PLANETARY ATMOSPHERE
PROJECT MIAM INFORMAL REPORT, DEC. 1965 - MAY 1966.
N66-33437 1B S04 19 HC$ 1.00 MF$ 0.50

ULTRAVIOLET MEASUREMENTS IN PLANETARY ATMOSPHERES.
N66-39722 4A S04 23 HC$ 2.00 MF$ 0.50

PLANETARY CONFIGURATION
ON THE GENERAL PERTURBATIONS OF THE POSITION VECTORS OF A PLANETARY SYSTEM.
N66-33371 3A S04 19 HC$ 2.00 MF$ 0.50

PLANETARY EXPLORATION
MARINER - JOURNEY AROUND THE SUN.
N66-39505 22A S04 23 HC$ 1.00 MF$ 0.50

PLANETARY LANDING
STUDY OF HEAT SHIELDING REQUIREMENTS FOR MANNED MARS LANDING AND RETURN MISSIONS FINAL REPORT.
N66-32717 20M S04 19 HC$ 3.00 MF$ 0.75

PLANETARY SURFACE
PHYSICS OF THE MOON AND THE PLANETS.
N66-33526 3B S04 19 HC$ 4.00 MF$ 1.00

PLANFORM
SUPERSONIC AERODYNAMIC CHARACTERISTICS OF TRIANGULAR PLANFORM MODELS AT ANGLES OF ATTACK TO 90 DEGREES.
N66-33324 1A S04 19 HC$ 2.00 MF$ 0.50

PLANKTON, ALKANES
SATURATED HYDROCARBONS IN MARINE PLANTS AND SEDIMENTS.
AD-641 436 8A T66 24 HC$ 3.00 MF$ 0.75

PLANKTON, MARINE BIOLOGY
COMPUTATION OF PHYTOPLANKTON CELL NUMBERS, CELL VOLUME, CELL SURFACE AND PLASMA VOLUME PER LITER, FROM MICROSCOPICAL COUNTS.
AD-641 769 8A T66 24

PLANT (BIOL)
RECORDING LEAF MOVEMENTS WITH A STRAIN GAUGE.
N66-33417 6C S04 19 HC$ 1.00 MF$ 0.50

PLANTS(BOTANY), ETHYLENES
ETHYLENE PRODUCTION FROM LINOLENIC ACID.
AD-641 941 6A T66 24

PLANTS(BOTANY), MICROMETEOROLOGY
INVESTIGATION OF ENERGY AND MASS TRANSFERS NEAR THE GROUND INCLUDING THE INFLUENCES OF THE SOIL-PLANT-ATMOSPHERE SYSTEM.
AD-260 695 2C U41 24 HC$ 17.10

PLANTS(BOTANY), VIBRATION
EXPOSURE OF TRADESCANTIA MICROSPORES TO PERIODIC VIBRATIONS OF 40-100 HERTZ.
AD-641 656 6C T66 24 HC$ 1.00 MF$ 0.50

PLASMA ACCELERATION
ACCELERATION OF ELECTRONS NEAR THE EARTH S BOW SHOCK.
N66-33413 20H S04 19 HC$ 1.00 MF$ 0.50

PLASMA ARC
EVALUATION OF HIGH-TEMPERATURE GAS TRANSPORT PROPERTIES FINAL SUMMARY REPORT.
N66-38145 20M S04 23 HC$ 3.00 MF$ 1.00

PLASMA CLOUD
AMBIPOLAR DIFFUSION OF A PLASMA CLOUD IN A MAGNETIC FIELD.
N66-38342 20I S04 23 HC$ 2.00 MF$ 0.50

PLASMA COMPOSITION
STEADY-STATE COMPOSITION OF A LOW-DENSITY NONEQUILIBRIUM HYDROGEN PLASMA.
N66-38137 20I S04 23 HC$ 1.00 MF$ 0.50

PLASMA BEAM CALIBRATION MASS SPECTROMETER.
N66-38363 20F S04 23 HC$ 2.00 MF$ 0.50

PLASMA CONDUCTIVITY
MEASUREMENTS OF PLASMA ENERGY DENSITY AND CONDUCTIVITY FROM 3 TO 120 KILOBARS.
N66-38710 20I S04 23 HC$ 2.00 MF$ 0.50

PLASMA MEDIUM, CESIUM
PRODUCTION AND STUDY OF A CESIUM PLASMA IN THERMODYNAMIC EQUILIBRIUM.
AD-641 854 20I T66 24 HC$ 2.00 MF$ 0.50

PLASMA MEDIUM, CYCLOTRON RESONANCE PHENOMENA
GENERATION D HARMONIQUES DE LA DEMI-FREQUENCE GIROMAGNETIQUE ELECTRONIQUE DANS UN SYSTEME DOUBLE-FAISCEAU (THE GENERATION OF HARMONICS OF THE ELECTRON CYCLOTRON HALF-FREQUENCY IN A DOUBLE-BEAM INTERACTION EXPERIMENT).
PB-173 386 20I U41 24 HC$ 4.00 MF$ 0.75

PLASMA MEDIUM, ELECTROMAGNETIC WAVES
THE THEORY OF PLASMA RADIATION.
AD-248 852 20I U41 24 HC$ 1.60

PLASMA MEDIUM, MAGNETIC FIELDS
EFFET D UN CHAMP MAGNETIQUE UNIFORME SUR LES PROFILS DES RAIES DE L HYDROGENE (THE EFFECT OF AN HOMOGENEOUS MAGNETIC FIELD ON THE LINE PROFILES OF HYDROGEN).
PB-173 392 20I U41 24 HC$ 3.00 MF$ 0.75

PLASMA MEDIUM, MICROWAVES
INTERACTION OF MICROWAVES WITH AN INHOMOGENEOUS AND ANISOTROPIC PLASMA COLUMN.
AD-641 726 20I T66 24

PLASMA MEDIUM, PURIFICATION
REMOVAL OF HYDROGEN IMPURITIES IN CLOSED NOBLE GAS DISCHARGE SYSTEMS.
AD-641 360 20I T66 24 HC$ 2.00 MF$ 0.50

PLASMA MEDIUM, REFRACTIVE INDEX
INDEX OF REFRACTION OF EXCITED MONATOMIC GASES.
AD-641 387 20H T66 24 HC$ 1.00 MF$ 0.50

PLASMA MEDIUM, ROTATION
PLASMA ROTATION IN A PULSED INDUCTIVE ACCELERATOR.
AD-641 914 20I T66 24

PLASMA MEDIUM, SHIELDING
THE DYNAMIC SHIELDING RESPONSE OF AN IRRADIATED PLASMA.
AD-641 899 20I T66 24 HC$ 9.60 MF$ 0.75

PLASMA MEDIUM, STABILITY
THE TWO TRANSFORMER METHOD FOR ELECTRODELESS CONDUCTIVITY MEASUREMENTS.
AD-461 769 20I U41 24 HC$ 9.60

PLASMA MEDIUM, TRANSPORT PROPERTIES
ENERGY TRANSFER FROM A TEST ELECTRON TO A COLLISIONLESS PLASMA.
AD-641 639 20I T66 24 HC$ 2.00 MF$ 0.50

PLASMA MEDIUM, WAVE TRANSMISSION
A NUMERICAL METHOD FOR THE DETERMINATION OF THE TRANSMISSION AND REFLECTION COEFFICIENTS OF A NON-UNIFORM PLASMA SLAB.
AD-294 466 20I U41 24 HC$ 4.60

PLASMA PHYSICS
RADIATION TEMPERATURE MEASUREMENTS OF THE NITROGEN AFTERGLOW PLASMA.
N66-34074 20I S04 19 HC$ 1.00 MF$ 0.50

RESEARCH ON ION BEAM DIAGNOSTICS FINAL REPORT.

N66-38759 10A S04 23 HC$ 3.00 MF$ 0.75

PLASMA PHYSICS, SCIENTIFIC RESEARCH
PROGRESS REPORT FOR MARCH-AUGUST, 1966.
AD-641 851 5A T66 24 HC$ 6.00 MF$ 1.25

PLASMA PHYSICS, STATISTICAL MECHANICS
STATISTICAL THEORY OF RADIATIVE PROCESSES IN PLASMAS.
AD-641 548 20I T66 24

PLASMA PHYSICS, TRANSPORT PROPERTIES
CONVERGENT TRANSPORT COEFFICIENTS OF PLASMA.
AD-641 429 20I T66 24 HC$ 4.00 MF$ 0.75

PLASMA PROBE
SMALL PLASMA PROBES WITH GUARD RINGS AND THERMOCOUPLES.
N66-37684 20I S04 23 HC$ 1.00 MF$ 0.50

PLASMA SLAB
THE SUBSTITUTION OF A SEMI-INFINITE, HOMOGENEOUS DIELECTRIC MEDIUM FOR A PLASMA SLAB.
N66-34043 20I S04 19 HC$ 3.00 MF$ 0.75

PLASMA-ELECTROMAGNETIC INTERACTION
APPENDIX - SOME SPECTROSCOPIC OBSERVATIONS OF THE INTERACTION BETWEEN A PLASMA WIND AND A DIPOLE MAGNETIC FIELD.
N66-32744 20I S04 19 HC$ 1.00 MF$ 0.50

PLASTICS, BIBLIOGRAPHIES
SUBJECT INDEX, BIBLIOGRAPHY, AND CODE DESCRIPTION OF TECHNICAL CONFERENCE PAPERS ON PLASTICS 5 MARCH 1965 - 10 MARCH 1966.
AD-641 665 11I T66 24 HC$ 4.00 MF$ 1.00

PLASTICS, EXPANDABLE STRUCTURES
CHEMICAL RIGIDIZATION OF EXPANDABLE STRUCTURES.
AD-484 442 13H U41 24 HC$ 4.00 MF$ 0.75

PLASTICS, SPHERES
USE OF LOW-MELTING METAL ALLOYS FOR CASTING AND TRANSFER MOLDING OF HOLLOW PLASTIC SPHERES.
AD-641 974 13H T66 24 HC$ 1.00 MF$ 0.50

PLATINUM COMPOUNDS, SUPERCONDUCTORS
THE OCCURRENCE OF SUPERCONDUCTIVITY IN SULFIDES, SELENIDES, TELLURIDES OF PT-GROUP METALS.
AD-641 793 20C T66 24

PLUM BROOK REACTOR
HEAT-TRANSFER ANALYSIS OF THE PLUM BROOK REACTOR.
N66-33973 18I S04 19 HC$ 2.00 MF$ 0.50

PLUMB BOB OPERATION
DEVELOPMENT OF A FAST RESPONSE TEMPERATURE GAGE FOR ROCKET VEHICLE PLUMBING SYSTEMS FINAL REPORT, 24 JUN. 1964 - 24 JUN. 1965.
N66-37905 14B S04 23 HC$ 3.00 MF$ 0.75

PNEUMATIC EQUIPMENT
DEVELOPMENT OF A PROPORTIONAL TWO STAGE PRESSURE FEED BACK PNEUMATIC VALVE FOR 2000 DEG F SOLID PROPELLANT SYSTEMS REPORT, JUL. 6, 1965 - MAY 20, 1966.
N66-33494 13K S04 19 HC$ 3.00 MF$ 1.00

DESIGN, FABRICATION AND TEST OF A FLUERIC SERVOVALVE QUARTERLY REPORT, 28 DEC. 1965 - 28 MAR. 1966.
N66-33498 13K S04 19 HC$ 2.00 MF$ 0.50

POLAR AURORA
GEOMAGNETIC DISTURBANCES.
N66-38364 4A S04 23 HC$ 2.00 MF$ 0.50

POLAR GAS
HEAT CONDUCTIVITY OF POLYATOMIC AND POLAR GASES AND GAS MIXTURES.
N66-33184 20H S04 19 HC$ 3.00 MF$ 0.75

POLARIMETRY
PHYSICS OF THE MOON AND THE PLANETS.
N66-33526 3B S04 19 HC$ 4.00 MF$ 1.00

POLARIZED RADIATION
POLARIZERS FOR THE EXTREME ULTRAVIOLET.
N66-33377 20F S04 19 HC$ 1.00 MF$ 0.50

POLAROGRAPHIC ANALYSIS, URANIUM COMPOUNDS
LA DETERMINATION POLAROGRAPHIQUE DE LA STOECHIOMETRIE DU DIOXYDE D URANIUM (POLAROGRAPHIC DETERMINATION OF URANIUM DIOXIDE STOICHIOMETRY),
PB-173 394 7E U41 24 HC$ 1.00 MF$ 0.50

POLITICAL SCIENCE, ECONOMICS
THE PARTY OF BIG BUSINESS AND THE PARTY OF THE PEOPLE A NOTE ON TRENDS IN THE CORPORATE PROFIT SHARE.
AD-641 905 5C T66 24 HC$ 1.00 MF$ 0.50

POLLUTION
BIBLIOGRAPHY ON GROUND-WATER POLLUTION AND WASTE WATER PURIFICATION.
N66-33720 8H S04 19 HC$ 2.50 MF$ 0.50

POLYATOMIC GAS
HEAT CONDUCTIVITY OF POLYATOMIC AND POLAR GASES AND GAS MIXTURES.
N66-33184 20H S04 19 HC$ 3.00 MF$ 0.75

POLYCRYSTAL
INFRARED QUENCHING OF THE PHOTOVOLTAIC EFFECT IN CADMIUM SULFIDE.
N66-33685 20L S04 19 HC$ 1.00 MF$ 0.50

POLYCYCLIC COMPOUNDS, QUINONES
SYNTHESIS AND PROPERTIES OF NAPHTHO- AND PHENANTHRAQUINONES.
AD-641 609 7C T66 24 HC$ 1.00 MF$ 0.50

POLYCYCLIC COMPOUNDS, SYNTHESIS(CHEMISTRY)
CHEMICAL RESEARCH ON POLYPHENYLS.
AD-641 979 7C T66 24 HC$ 3.00 MF$ 0.75

POLYETHYLENE PLASTICS, THERMAL PROPERTIES
THERMODYNAMIC PROPERTIES OF POLYBUTENE-1 AND BUTENE-1.
AD-641 867 7D T66 24 HC$ 1.00 MF$ 0.50

POLYMER CHEMISTRY
HIGH TEMPERATURE STABLE CARBORANE ADHESIVES SECOND QUARTERLY PROGRESS REPORT, MAR. 21 - JUN. 20, 1966.
N66-33493 11A S04 19 HC$ 2.00 MF$ 0.50

POLYMERIZATION, CATALYSIS
MODELS FOR ASYMMETRIC INDUCTION IN POLYMERIZATION.
AD-641 797 7C T66 24 HC$ 1.00 MF$ 0.50

POLYMERS, FLUORINE COMPOUNDS
FLUOROAROMATIC POLYMERS. PERFLUORO-P-TERPHENYL, QUATERPHENYL AND QUINQUEPHENYL.
AD-449 913 7D U41 24 HC$ 1.60

FLUOROAROMATIC POLYMERS. PERFLUORO-P-TERPHENYL, -QUATERPHENYL AND -QUINQUEPHENYL.
AD-449 913 7C U41 24 HC$ 1.60

POLYMERS, PHYSICAL PROPERTIES
A STUDY OF COHESIVE FORCES, REFRACTIVE INDICES AND GLASS TRANSITION TEMPERATURE DATA OF POLYMERS.
AD-641 308 7D T66 24 HC$ 1.00 MF$ 0.50

POLYMERS, SPIRO COMPOUNDS
THE SYNTHESIS AND CHARACTERIZATION OF SPIRO POLYMERS.
AD-641 873 7C T66 24 HC$ 2.00 MF$ 0.50

POLYNOMIALS, DETERMINANTS
DETERMINANTAL REPRESENTATIONS OF RECURSION RELATIONS FOR CERTAIN ORTHOGONAL POLYNOMIALS.
AD-641 457 12A T66 24

POLYNOMIALS, LEAST SQUARES METHOD
A RECURSION RELATION FOR COMPUTING LEAST-SQUARE POLYNOMIALS OVER MOVING-ARCS.
AD-641 341 12A T66 24 HC$ 1.00 MF$ 0.50

POLYNOMIALS, MATHEMATICAL PREDICTION
OPTIMUM DESIGNS FOR POLYNOMIAL EXTRAPOLATION.
AD-641 679 12A T66 24

POLYSACCHARIDE
SEPARATION OF SIMPLE SUGARS ON CELLULOSE LAYERS.
N66-33684 6A S04 19 HC$ 1.00 MF$ 0.50

POLYURETHANE FOAM
VIBRATIONAL CHARACTERISTICS OF SANDWICH PANELS IN A REDUCED-PRESSURE ENVIRONMENT.
N66-33456 20K S04 19 HC$ 1.00 MF$ 0.50

POPULATION(MATHEMATICS), STATISTICAL DISTRIBUTIONS
CHARACTERIZATION PROBLEMS FOR DISCRETE DISTRIBUTIONS.
AD-641 690 12A T66 24

PORPHINE
PORPHINE-LIKE SUBSTANCES. III - SYNTHESIS BY ELECTRICAL DISCHARGE.
N66-33374 6A S04 19 HC$ 1.00 MF$ 0.50

PORPHYRINS, MICROANALYSIS
CHEMILUMINESCENCE OF LUMINOL IN THE PRESENCE OF HEMATIN COMPOUNDS.
AD-642 005 6A T66 24

POSITION FINDING, SATELLITES(ARTIFICIAL)
THE RAPID COMPUTATION OF EARTH-SATELLITE EPHEMERIDES BY A METHOD USING FOURIER SERIES.
AD-443 216 22C U41 24 HC$ 3.60

POSITION FINDING, UNDERWATER SOUND EQUIPMENT
AN UNDERWATER SOUND SYSTEM USED FOR ACCURATE POSITIONING.
AD-641 393 17G T66 24 HC$ 2.00 MF$ 0.50

POSITIONING DEVICES(MACHINERY), PROGRAMMING(COMPUTERS)
DEVELOPMENT AND TESTING OF PROGRAMMING SYSTEM FOR NUMERICALLY CONTROLLED FLAME CUTTING OF SHIP PARTS. VOLUME 5. SUMMARY REPORT.
AD-406 277 13J U41 24 HC$ 8.60

POTASSIUM
CHANGES IN APPETITE FOR WATER, GLUCOSE, SODIUM, AND POTASSIUM IN RATS WHEN THE SODIUM PUMP IS INHIBITED BY STROPHANTHIN- K.
N66-33764 6C S04 19 HC$ 1.00 MF$ 0.50

ADVANCED REFRACTORY ALLOY CORROSION LOOP PROGRAM QUARTERLY PROGRESS REPORT NO. 4, JAN. 15 - APR. 15, 1966.
N66-33976 11F S04 19 HC$ 2.00 MF$ 0.50

POTASSIUM CORROSION TEST LOOP DEVELOPMENT - PURIFICATION, ANALYSIS AND HANDLING OF SODIUM AND POTASSIUM TOPICAL REPORT NO. 4.
N66-38725 14B S04 23 HC$ 5.00 MF$ 1.25

POTASSIUM COMPOUNDS, ELASTICITY
THE ELASTIC CONSTANTS OF SOME ALKALI HALIDES AS A FUNCTION OF TEMPERATURE AND COMPOSITION.
AD-641 653 20K T66 24 HC$ 5.00 MF$ 1.25

POTASSIUM, ULTRASONIC PROPERTIES
ULTRASONIC KJELDAAS-EDGE EXPERIMENT IN POTASSIUM.
AD-641 861 20L T66 24

POTENTIAL FIELD
COLLISION INTEGRALS FOR THE EXPONENTIAL ATTRACTIVE POTENTIAL.
N66-33415 20H S04 19 HC$ 1.00 MF$ 0.50

POTENTIAL GRADIENT
REPORT OF THE KAKIOKA MAGNETIC OBSERVATORY, GEOELECTRICITY, KANOYA, 1957-1959.
N66-33774 8N S04 19 HC$ 3.75 MF$ 1.50

POTENTIAL SCATTERING, THEORY
A NEW METHOD IN THE THEORY OF POTENTIAL SCATTERING.
AD-641 722 20J T66 24

POTENTIAL THEORY, CONDUCTIVITY
ON THE CAPACITY OF COMPOSITE CONDUCTORS.
AD-641 739 20L T66 24

POWDERS, CHARCOAL
A STUDY OF MODERNIZED TECHNIQUES FOR THE MANUFACTURE OF BLACK POWDER.
AD-232 645 19A U41 24 HC$ 9.60

POWER GENERATOR
A DESIGN PROCEDURE FOR THE WEIGHT OPTIMIZATION OF STRAIGHT FINNED RADIATORS.
N66-32943 10B S04 19 HC$ 2.00 MF$ 0.50

POWER PLANT
THERMAL PROTECTION SYSTEMS. ASPECTS OF THERMAL PROTECTION OF INTEREST TO NASA AND THE RELATED MATERIALS R AND D REQUIREMENTS.
N66-33352 22B S04 19 HC$ 3.75 MF$ 1.25

POWER PLANTS(ESTABLISHMENTS), USSR
ANNOTATED BIBLIOGRAPHY OF BRATSK AND KRASNOIARSK HYDROELECTRIC PROJECTS IN CENTRAL SIBERIA, USSR.
AD-641 304 10B T66 24 MF$ 0.75

POWER SERIES, ELECTRON TRANSITIONS
POWER SERIES REPRESENTATION OF GENERALIZED OSCILLATOR STRENGTHS.
AD-641 449 20H T66 24

POWER SUPPLIES, CALIBRATION
160 AND 160A POWER SUPPLIES, 161 AND 163 PULSE GENERATORS, 162 WAVEFORM GENERATOR (TEKTRONIX).
PB-173 504 9C U41 24 HC$ 1.00 MF$ 0.50

POWER SUPPLIES, FUEL CELLS
FUEL CELL CATHODE STRUCTURES AND REACTIONS.
AD-285 498 10B U41 24 HC$ 10.60

POWER SUPPLIES, KLYSTRONS
KLYSTRON POWER SUPPLY 715A, M12-715A, PP-2854/U (HEWLETT-PACKARD).
PB-173 501 9C U41 24 HC$ 1.00 MF$ 0.50

POWER SUPPLY
DEVELOPMENT AND EVALUATION OF MAGNETIC AND ELECTRICAL MATERIALS CAPABLE OF OPERATING IN THE 800 DEG TO 1600 DEG F TEMPERATURE RANGE THIRD QUARTERLY REPORT, 1 JUN. - 31 AUG. 1965.
N66-32924 13H S04 19 HC$ 3.75 MF$ 1.25

PRESSURE
ANALYSIS OF CONDENSING PRESSURE CONTROL FOR SNAP-8 SYSTEM.
N66-37683 18N S04 23 HC$ 1.00 MF$ 0.50

PRESSURE BREATHING, HELIUM
THE STUDY OF MAN DURING A 56-DAY EXPOSURE TO AN OXYGEN-HELIUM ATMOSPHERE AT 258 MM. HG TOTAL PRESSURE. IX. NUTRITIONAL EVALUATION OF FEEDING BITE-SIZE FOODS.
AD-641 804 6S T66 24

STUDY OF MAN DURING A 56-DAY EXPOSURE TO AN OXYGEN-HELIUM ATMOSPHERE AT 258 MM. HG TOTAL PRESSURE. V. EXERCISE PERFORMANCE AND CARDIOVASCULAR RESPONSE.
AD-641 805 6S T66 24

STUDY OF MAN DURING A 56-DAY EXPOSURE TO AN OXYGEN-HELIUM ATMOSPHERE AT 258 MM. HG TOTAL PRESSURE. IV. SELECTED BLOOD ENZYME RESPONSE.
AD-641 806 6S T66 24

THE STUDY OF MAN DURING A 56-DAY EXPOSURE TO AN OXYGEN-HELIUM ATMOSPHERE AT 258 MM. HG TOTAL PRESSURE. XIII. BEHAVIOR FACTORS.
AD-641 807 6S T66 24

STUDY OF MAN DURING A 56-DAY EXPOSURE TO AN OXYGEN-HELIUM ATMOSPHERE AT 258 MM. HG TOTAL PRESSURE. XI. ORAL, CUTANEOUS, AND AEROSOL BACTERIOLOGIC EVALUATION.
AD-641 815 6S T66 24

STUDY OF MAN DURING A 56-DAY EXPOSURE TO AN OXYGEN-HELIUM ATMOSPHERE AT 258 MM. HG TOTAL PRESSURE. X. ENTERIC MICROBIAL FLORA.
AD-641 817 6S T66 24

STUDY OF MAN DURING A 56-DAY EXPOSURE TO AN OXYGEN-HELIUM ATMOSPHERE AT 258 MM. HG TOTAL PRESSURE. III. RENAL RESPONSE.
AD-641 818 6S T66 24

STUDY OF MAN DURING A 56-DAY EXPOSURE TO AN OXYGEN-HELIUM ATMOSPHERE AT 258 MM. HG TOTAL PRESSURE. II. MAJOR AND MINOR ATMOSPHERIC COMPONENTS.
AD-641 819 6S T66 24

STUDY OF MAN DURING A 56-DAY EXPOSURE TO AN OXYGEN-HELIUM ATMOSPHERE AT 258 MM. HG TOTAL PRESSURE. I. INTRODUCTION AND GENERAL EXPERIMENTAL DESIGN.
AD-641 820 6S T66 24

OBSERVATIONS ON MAN IN AN OXYGEN-HELIUM ENVIRONMENT AT 380 MM. HG TOTAL PRESSURE. III. HEAT EXCHANGE.
AD-641 827 6S T66 24

OBSERVATIONS ON MAN IN AN OXYGEN-HELIUM ENVIRONMENT AT 380 MM. HG TOTAL PRESSURE. II. RESPIRATORY.
AD-641 828 6S T66 24

THE STUDY OF MAN DURING A 56-DAY EXPOSURE TO AN OXYGEN-HELIUM ATMOSPHERE AT 258 MM HG TOTAL PRESSURE. VII. RESPIRATORY FUNCTION.
AD-641 829 6S T66 24

THE STUDY OF MAN DURING A 56-DAY EXPOSURE TO AN OXYGEN-HELIUM ATMOSPHERE AT 258 MM. HG TOTAL PRESSURE VIII. OBSERVATIONS ON FEEDING BITE-SIZE FOODS.
AD-641 830 6S T66 24

THE STUDY OF MAN DURING A 56-DAY EXPOSURE TO AN OXYGEN-HELIUM ATMOSPHERE AT 258 MM. HG. TOTAL PHESSURE. XII. CLINICAL OBSERVATIONS.
AD-641 953 6S T66 24

PRESSURE DISTRIBUTION
STAGNATION AND STATIC PRESSURES ON A NOSE-MOUNTED 15 DEG CONICAL PROBE WITH VARIOUS FOREBODY CONFIGURATIONS.
N66-33018 1A S04 19 HC$ 4.00 MF$ 1.00

CONVECTIVE HEAT TRANSFER TO A LIFTING FLAT-FACED-CONE ENTRY BODY.
N66-33322 20H S04 19 HC$ 2.00 MF$ 0.50

PRESSURE DISTRIBUTIONS ON A FLAT-PLATE DELTA WING SWEPT 65 DEG AT A MACH NUMBER OF 5.97 AT ANGLES OF ATTACK FROM 65 DEG TO 115 DEG AND ANGLES OF ROLL FROM 0 DEG TO 25 DEG AT A 90 DEG ANGLE OF ATTACK.
N66-33327 1A S04 19 HC$ 2.00 MF$ 0.50

HEAT-TRANSFER AND PRESSURE DISTRIBUTIONS ON A FLAT-FACE ROUNDED-CORNER BODY OF REVOLUTION WITH AND WITHOUT A FLAP AT A MACH NUMBER OF 8.
N66-33334 20H S04 19 HC$ 2.50 MF$ 0.75

FORCE AND PRESSURE-DISTRIBUTION INVESTIGATION TO HIGH ANGLES OF ATTACK ON ALL-MOVABLE TRIANGULAR AND RECTANGULAR WINGS IN COMBINATION WITH A BODY AT SUPERSONIC SPEEDS.
N66-33349 1A S04 19 HC$ 3.25 MF$ 1.25

PRESSURE DISTRIBUTIONS DUE TO TWO-DIMENSIONAL FABRICATION-TYPE SURFACE ROUGHNESS ON AN OGIVE CYLINDER AT TRANSONIC SPEEDS.
N66-33447 1A S04 19 HC$ 3.00 MF$ 0.75

FUEL SLOSHING STUDIES QUARTERLY PROGRESS REPORT NO. 15, 1 OCT. - 31 DEC. 1965.
N66-34071 20D S04 19 HC$ 1.00 MF$ 0.50

PRESSURE DRAG
PRESSURE DRAGS DUE TO TWO-DIMENSIONAL FABRICATION-TYPE SURFACE ROUGHNESS ON AN OGIVE CYLINDER AT TRANSONIC SPEEDS.
N66-33449 1A S04 19 HC$ 3.00 MF$ 0.50

PRESSURE DROP
INVESTIGATION OF INJECTORS FOR A LOW-CHAMBER- PRESSURE HYDROGEN-FLUORINE ROCKET ENGINE.
N66-33333 21H S04 19 HC$ 2.00 MF$ 0.50

PRESSURE EFFECT
HEAT TRANSFER ACROSS SURFACES IN CONTACT - PRACTICAL EFFECTS OF TRANSIENT TEMPERATURE AND PRESSURE ENVIRONMENTS SEMIANNUAL REPORT, 1 OCT. 1965 - 1 APR. 1966.
N66-32762 20H S04 19 HC$ 2.00 MF$ 0.50

AN EXPERIMENTAL STUDY OF THE BUCKLING OF COMPLETE SPHERICAL SHELLS.
N66-33460 20K S04 19 HC$ 3.00 MF$ 0.75

PRESSURE MEASUREMENT
MEASUREMENTS OF THE MACH NUMBER AND PRESSURE ON THE AFTERBODY OF A BLUNT-NOSED MODEL IN FREE FLIGHT AT MACH NUMBERS FROM 6.5 TO 14.
N66-33338 1A S04 19 HC$ 1.00 MF$ 0.50

EFFECTS OF MODIFICATIONS TO A CONTROL SURFACE ON A 6-PERCENT THICK UNSWEPT WING ON THE TRANSONIC CONTROL-SURFACE FLUTTER DERIVATIVES.
N66-33343 1A S04 19 HC$ 2.50 MF$ 0.75

FLIGHT TYPE OXYGEN PARTIAL PRESSURE SENSOR.
N66-33459 6B S04 19 HC$ 2.00 MF$ 0.50

SONIC-BOOM MEASUREMENTS DURING BOMBER TRAINING OPERATIONS IN THE CHICAGO AREA.
N66-38415 1C S04 23 HC$ 2.00 MF$ 0.50

COMPUTATION OF THE PRESSURE-TIME HISTORY OF A SONIC BOOM SHOCK WAVE ACTING ON A WINDOW GLASS IN A BUILDING.
N66-38754 20A S04 23 HC$ 2.50 MF$ 0.50

PRESSURE OSCILLATION
A REVIEW OF FLIGHT AND WIND TUNNEL MEASUREMENTS OF BOUNDARY LAYER PRESSURE FLUCTUATIONS AND INDUCED STRUCTURAL RESPONSE.

N66-38424 1A S04 23 HC$ 2.50 MF$ 0.75

PRESSURE TRANSDUCER
PRESSURE MEASURING SYSTEMS FOR FOR CLOSED CYCLE LIQUID METAL FACILITIES NINTH QUARTERLY REPORT, MAR. 1 - MAY 31, 1966.
N66-38106 14B S04 23 HC$ 2.50 MF$ 0.50

PRESSURE TUBE
IMPLICATIONS OF EMBRITTLEMENT DURING THE LIFE OF A ZIRCONIUM PRESSURE TUBE REACTOR.
N66-37781 18I S04 23 HC$ 2.00 MF$ 0.50

PRESSURE VESSEL
PRESSURIZATION OF LIQUID OXYGEN CONTAINERS PROGRESS REPORT NO. 7, NOV. 1963 - NOV. 1964.
N66-33180 20M S04 19 HC$ 3.00 MF$ 0.75

PRESSURE VESSELS, CERAMIC MATERIALS
AN EXPLORATORY STUDY OF THE FEASIBILITY OF GLASS AND CERAMIC PRESSURE VESSELS FOR NAVAL APPLICATIONS.
AD-641 875 13J T66 24 HC$ 2.00 MF$ 0.50

PRESSURE WELDING
STATE-OF-THE-ART SURVEY OF DISSIMILAR METAL JOINING BY SOLID STATE WELDING.
N66-32787 13H S04 19 HC$ 2.00 MF$ 0.50

PRESSURIZATION
IMPERFECTION-SENSITIVITY OF EXTERNALLY PRESSURIZED SPHERICAL SHELLS.
N66-38362 20K S04 23 HC$ 2.00 MF$ 0.50

PRESSURIZED SUIT
A TECHNIQUE TO INVESTIGATE SPACE MAINTENANCE TASKS.
N66-38115 5H S04 23 HC$ 1.00 MF$ 0.50

PRESTRESSING
AN INVESTIGATION OF CERAMICS AS STRUCTURAL MATERIALS.
N66-38752 20K S04 23 HC$ 1.00 MF$ 0.50

PRIMARY CELLS, MAGNESIUM
DEVELOPMENT OF MAGNESIUM WAFER CELLS.
AD-641 668 10C T66 24 HC$ 2.00 MF$ 0.50

PRIMARY COSMIC RADIATION
AN APPARENTLY HIGH FLUX OF PRIMARY COSMIC-RAY GAMMA-PARTICLES AT 41 DEG N. MAG..
N66-32964 20H S04 19 HC$ 1.00 MF$ 0.50

PRIMATES, NERVOUS SYSTEM
THE ORIGIN, COURSE AND TERMINATION OF CORTICOSPINAL FIBERS IN THE SLOW LORIS, NYCTICEBUS COUCANG (BODDAERT).
AD-641 924 6C T66 24

PRINTING, CHINESE LANGUAGE
DEVELOPMENT OF CHINESE IDEOGRAPHIC COMPOSING MACHINE.
AD-478 089 14E U41 24 HC$ 1.00 MF$ 0.50

PROBABILITY, DETECTION
PROBABILITY OF DETECTION FOR FLUCTUATING TARGETS.
AD-80 638 17I U41 24 HC$ 4.60

PROBABILITY, SURVIVAL
BASIC SURVIVAL PROBABILITY EXPRESSIONS FOR AIR COMBAT MODELS.
AD-224 572 15G U41 24 HC$ 1.10

PROBABILITY, THEORY
REGULAR BOUNDARY POINTS IN MARKOV CHAINS.
AD-641 463 12A T66 24

PRODUCT DEVELOPMENT
DESIGN, DEVELOPMENT AND DELIVERY OF ONE (1) BREADBOARD AND THREE (3) PRODUCTION UNITS OF A 75 VA INTEGRATED STATIC INVERTER MONTHLY PROGRESS REPORT NO. 11, MAR. 1966.
N66-32756 9A S04 19 HC$ 1.00 MF$ 0.50

PROGRAM MANAGEMENT
MANAGEMENT OF SCIENCE.
N66-33171 5A S04 19 HC$ 1.00 MF$ 0.50

PROGRAMMED INSTRUCTION, INSTRUCTION MANUALS
A DESCRIPTION OF SNAP PROGRAMMING.
AD-422 118 5I U41 24 HC$ 2.60

PROGRAMMING(COMPUTERS), ATMOSPHERE
INFRASONIC MODES - AN OMNIBUS DIGITAL COMPUTER PROGRAM FOR THE STUDY OF ACOUSTIC-GRAVITY WAVE PROPAGATION.
AD-641 367 4A T66 24 HC$ 3.00 MF$ 0.75

PROGRAMMING(COMPUTERS), BOMB TRAJECTORIES
AN IBM 7090 SIX DEGREES OF FREEDOM RIGID BODY TRAJECTORY PROGRAM.
PB-173 471 19D U41 24 HC$ 4.60 MF$ 0.50

PROGRAMMING(COMPUTERS), DIGITAL COMPUTERS
PROGRAMMING PRINCIPLES FOR THE IBM RELAY CALCULATORS.
AD-641 346 9B T66 24 HC$ 9.60 MF$ 0.75

PROGRAMMING(COMPUTERS), DOCUMENTATION
CONVERT OLD OR NEW FORMAT PATCH TAPE TO SPLICE TAPE FORMAT (MATCH).
AD-422-112 9B U41 24 HC$ 1.10

PROGRAMMING(COMPUTERS), ELECTRICAL NETWORKS
COMPUTER DESIGN OF LINEAR FREQUENCY SELECTIVE NETWORKS.
AD-641 489 9E T66 24

PROGRAMMING(COMPUTERS), GEODESICS
THE PREPARATION OF A THEODOLITE PROBLEM FOR LARGE SCALE COMPUTING MACHINES.
AD-641 963 8E T66 24 HC$ 1.00 MF$ 0.50

PROGRAMMING(COMPUTERS), PHOTOGRAMMETRY
BRLESC FORTRAN II COMPUTER PROGRAMS FOR ANALYTICAL SOLUTIONS OF THE GENERAL PROBLEM OF PHOTOGRAMMETRY.
AD-641 386 8E T66 24 HC$ 5.00 MF$ 1.00

PROGRAMMING(COMPUTERS), POSITIONING DEVICES(MACHINERY)
DEVELOPMENT AND TESTING OF PROGRAMMING SYSTEM FOR NUMERICALLY CONTROLLED FLAME CUTTING OF SHIP PARTS. VOLUME 5. SUMMARY REPORT.
AD-406 277 13J U41 24 HC$ 8.60

PROGRAMMING(COMPUTERS), PSYCHOMETRICS
SEQUIN - A COMPUTERIZED ITEM SELECTION PROCEDURE.
AD-641 813 5J T66 24 HC$ 2.00 MF$ 0.50

PROGRAMMING(COMPUTERS), SHIELDING
MAGNA, A MULTI-SOURCE GAMMA SHIELDING PROGRAMME.
PB-173 478 18F U41 24 HC$ 3.00 MF$ 0.75

PROJECTILE
A SYSTEM TO MEASURE THE MASS OF A PROJECTILE LAUNCHED FROM AN EXPLODING FOIL GUN FINAL REPORT.
N66-37644 14B S04 23 HC$ 2.50 MF$ 0.75

PROPELLANT BINDER
DEVELOPMENT OF A HYDROCARBON-TYPE OF POLYMER WHICH POSSESSES THE CHARACTERISTICS REQUIRED FOR USE AS A BINDER FOR UNCOATED SPD FIRST QUARTERLY REPORT, MAY 10 - AUG. 10, 1966.
N66-37945 7C S04 23 HC$ 2.00 MF$ 0.50

PROPELLANT CHEMISTRY
CHEMICAL SPECIES AND CHEMICAL REACTIONS OF IMPORTANCE IN NONEQUILIBRIUM PERFORMANCE CALCULATIONS.
N66-33714 21B S04 19 HC$ 2.00 MF$ 0.50

PROPELLANT GRAINS, THERMAL DIFFUSION
THERMAL DIFFUSIVITY OF SOLID PROPELLANTS DEVELOPMENT OF APPARATUS AND INITIAL TEST RESULTS.
AD-457 934 21E U41 24 HC$ 2.00

PROPELLANT STORAGE
CRYOGENIC TECHNOLOGY RESEARCH AT MSFC.
N66-37993 21M S04 23 HC$ 2.00 MF$ 0.50

PROPELLANT TANK
EXPERIMENTAL INVESTIGATION OF BAFFLE EFFECTIVENESS IN A CONFINED FLUID SUBJECTED TO WALL AND NONUNIFORM SOURCE HEATING.
N66-33710 21I S04 19 HC$ 3.00 MF$ 0.75

PROPELLANT TESTING
FLUORINE-HYDROGEN PERFORMANCE EVALUATION, PHASE I, PART I - ANALYSIS, DESIGN, AND DEMONSTRATION OF HIGH PERFORMANCE INJECTORS FOR THE LIQUID FLUORINE-GASEOUS HYDROGEN COMBINATION FINAL REPORT.
N66-32923 21M S04 19 HC$ 3.75 MF$ 1.25

EXPERIMENTAL INVESTIGATION OF BAFFLE EFFECTIVENESS IN A CONFINED FLUID SUBJECTED TO WALL AND NONUNIFORM SOURCE HEATING.
N66-33710 21I S04 19 HC$ 3.00 MF$ 0.75

PROPELLERS(MARINE), SHROUDED PROPELLERS
THE INVERSE PROBLEM OF THE ANNULAR AIRFOIL AND DUCTED PROPELLER.
AD-641 337 13J T66 24 HC$ 3.00 MF$ 0.50

PROPENES, NUCLEAR MAGNETIC RESONANCE
THE PROTON MAGNETIC RESONANCE SPECTRA OF OLEFINS. V. 3-CHLORO- AND 3-METHOXYPROPENES.
AD-641 462 7C T66 24

PROPULSION
INVESTIGATION OF A LIGHTWEIGHT SELF-EVACUATING PREFABRICATED MULTI-LAYER INSULATION SYSTEM FOR CRYOGENIC SPACE PROPULSION STAGES FINAL REPORT, 3 JUN. 1965 - 31 JUL. 1966.
N66-38500 13M S04 23 HC$ 3.75 MF$ 1.75

PROSTHETICS, PUBLIC OPINION
REPORT OF THE QUESTIONNAIRE STUDY OF 69 LIMB MAKERS AND LIMB FITTERS.
AD-641 316 6E T66 24 HC$ 2.00 MF$ 0.50

PROBLEMS IN THE FITTING AND SERVICING OF PROSTHETIC DEVICES FOR ABOVE-THE-KNEE AMPUTEES.
AD-641 318 6E T66 24 HC$ 2.00 MF$ 0.50

PROTECTIVE COATING
STUDY AND DEVELOPMENT OF THE STERILIZABLE GEIGER- MULLER TUBE FINAL REPORT.
N66-32698 18D S04 19 HC$ 2.00 MF$ 0.50

DEVELOPMENT OF THERMAL CONTROL COATINGS FOR SPACE VEHICLES.
N66-33378 20M S04 19 HC$ 1.00 MF$ 0.50

HEAT-RESISTANT CHROMIUM CARBIDE COATING WITH A SILICATE BINDER.
N66-33698 11F S04 19 HC$ 1.00 MF$ 0.50

PROTECTIVE COATINGS FOR CHROMIUM ALLOYS FINAL SUMMARY REPORT, 31 MAY 1965 - 30 JUN. 1966.
N66-38147 11F S04 23 HC$ 4.00 MF$ 1.00

PROTEIN
STRUCTURAL AND FUNCTIONAL PROPERTIES OF THE M AND H SUBUNITS OF LACTIC DEHYDROGENASES.
N66-33173 6A S04 19 HC$ 2.00 MF$ 0.50

PRESENT STATUS OF THE AMINO ACID CODE.

N66-33376 6A S04 19 HC$ 1.00 MF$ 0.50

PROTON
INTERMEDIATE ENERGY PHYSICS, VOLUME I.
N66-32726 20H S04 19 HC$ 5.65 MF$ 2.50

INTERMEDIATE ENERGY PHYSICS, VOLUME II.
N66-32766 20H S04 19 HC$ 4.25 MF$ 2.00

THEORY OF PROTON-HYDROGEN COLLISIONS.
N66-33183 20H S04 19 HC$ 2.00 MF$ 0.50

THEORETICAL IDEAS CONCERNING X-RAY SOURCES.
N66-38730 20H S04 23 HC$ 1.00 MF$ 0.50

PROTON BOMBARDMENT, FLUORINE
DIRECT REACTION ANALYSIS OF THE F19(P,ALPHA)O16 REACTION,
AD-641 684 20H T66 24

PROTON BOMBARDMENT, HYDROGEN
REORIENTATION OF H ATOMS BY PROTON IMPACT.
AD-641 467 20H T66 24

PROTON IRRADIATION
DAMAGE TO FIELD-EFFECT TRANSISTORS UNDER 22 AND 128 ME V PROTON BOMBARDMENTS,
N66-37676 9A S04 23 HC$ 2.00 MF$ 0.50

PROTONS, VAN ALLEN RADIATION BELT
ELECTRON AND PROTON OBSERVATIONS.
AD-641 358 4A T66 24 HC$ 2.00 MF$ 0.50

PSEUDOMONAS, METABOLISM
METABOLISM OF C1 COMPOUNDS BY MICROORGANISMS.
AD-641 993 6M T66 24 HC$ 2.00 MF$ 0.50

PSYCHOACOUSTICS
OPTIMAL LEARNING IN DETECTION SITUATIONS FIRST SEMIANNUAL STATUS REPORT, PERIOD ENDING JUN. 30, 1966.
N66-38705 5J S04 23 HC$ 1.00 MF$ 0.50

PSYCHOACOUSTICS, SONIC BOOM
EFFECTS OF SONIC BOOM ON PEOPLE REVIEW AND OUTLOOK,
AD-641 352 6S T66 24

PSYCHOMETRICS, STATISTICAL TESTS
A SENSITIVE RANK TEST FOR COMPARING THE EFFECTS OF TWO TREATMENTS ON A SINGLE GROUP.
AD-641 417 5J T66 24

PSYCHOSES, SLEEP
THE SLEEP OF DEPRESSED PATIENTS,
AD-641 525 6P T66 24

PULMONARY CIRCULATION
BEAT TO BEAT REGULATION OF THE PULMONARY CIRCULATION IN CONSCIOUS DOGS. THE EFFECTS OF NORMAL RESPIRATION.
N66-38228 6P S04 23 HC$ 2.00 MF$ 0.50

PULSE CODE MODULATION (PCM)
COMPARISON OF PERFORMANCE OF PCM AND PFM TELEMETRY SYSTEMS.
N66-33971 9F S04 19 HC$ 1.00 MF$ 0.50

FEASIBILITY BREADBOARD OF AN ALL-MAGNETIC PCM TELEMETRY SYSTEM.
N66-38423 9F S04 23 HC$ 2.00 MF$ 0.50

PULSE GENERATORS, CALIBRATION
160 AND 160A POWER SUPPLIES, 161 AND 163 PULSE GENERATORS, 162 WAVEFORM GENERATOR (TEKTRONIX),
PB-173 504 9C U41 24 HC$ 1.00 MF$ 0.50

PULSE WIDTH AMPLITUDE CONVERTER
A UNIQUE VARIABLE WIDTH PULSE INTEGRATOR.
N66-33378 9A S04 19 HC$ 1.00 MF$ 0.50

PUMPS, FLUID FLOW
ON OPERATION OF PUMPS AND BLOWERS UNDER REDUCED FEED REGIMES.
AD-641 856 20D T66 24 HC$ 1.00 MF$ 0.50

PURIFICATION
POTASSIUM CORROSION TEST LOOP DEVELOPMENT - PURIFICATION, ANALYSIS AND HANDLING OF SODIUM AND POTASSIUM TOPICAL REPORT NO. 4,
N66-38729 14B S04 23 HC$ 5.00 MF$ 1.25

PYRAMIDAL BODY
SUBSONIC AERODYNAMIC CHARACTERISTICS OF PYRAMIDAL RE-ENTRY SHAPES INCORPORATING VARIABLE GEOMETRY.
N66-33316 1A S04 19 HC$ 2.00 MF$ 0.50

STATIC STABILITY CHARACTERISTICS OF CONE AND HALF-CONE-PYRAMID CONFIGURATIONS AT MACH 6.83.
N66-33453 1A S04 19 HC$ 2.00 MF$ 0.50

PYROLYTIC MATERIAL
RECENT STUDIES ON PYROLYTIC CARBON COATINGS ON FUEL PARTICLES.
N66-38087 18G S04 23 HC$ 2.00 MF$ 0.50

PYROTECHNICS, STORAGE
STORAGE STABILITY OF PYROTECHNIC COMPOSITIONS CONTAINING VINYL ALCOHOL ACETATE RESIN.
AD-641 893 19A T66 24 HC$ 2.00 MF$ 0.50

P-N JUNCTION
PHOTOVOLTAIC EFFECT AND UTILIZATION OF PHOTOVOLTAIC CELLS - EFFECT OF SUB-THRESHOLD ELECTRON RADIATION ON SURFACE PROPERTIES OF GE P-N CELLS SECOND SEMIANNUAL REPORT, 1 NOV. 1965 - 31 MAY 1966.
N66-33388 10A S04 19 HC$ 2.00 MF$ 0.50

QUALITY CONTROL, LAMINATES
WHITE OAK LAMINATES COMPARISON OF 12-DAY AND 3-HOUR DELINATION TEST RESULTS.
AD-641 904 11L T66 24 HC$ 1.00 MF$ 0.50

QUALITY CONTROL, STANDARDIZATION
POINT SYSTEM FOR EVALUATING QUALITY IN TEXTILES.
AD-641 496 11F T66 24 HC$ 4.00 MF$ 0.75

QUALITY CONTROL, TRACERS(ORDNANCE)
TRACER AMMUNITION CONTAINING FERROMAGNETIC MATERIALS AS ADDITIVES EFFECTS ON OVERALL PERFORMANCE.
AD-641 485 19A T66 24 HC$ 1.00 MF$ 0.50

QUANTITATIVE ANALYSIS
ALGORITHMIC COMPLEXITY.
N66-38504 12A S04 23 HC$ 1.00 MF$ 0.50

AN EXPERIMENT ON THE QUANTITATIVE DESCRIPTION OF CLIMATIC ELEMENT FIELD BY ORTHOGONAL FUNCTIONS,
N66-38717 4B S04 23 HC$ 1.00 MF$ 0.50

QUANTUM MECHANICS
AN APPRAISAL OF FOPIM FAST-CONVERGING PERTURBATION METHOD.
N66-33174 20J S04 19 HC$ 1.00 MF$ 0.50

CLASSICAL AND QUANTAL SCATTERING. I - THE CLASSICAL ACTION.
N66-33175 20H S04 19 HC$ 1.00 MF$ 0.50

DIFFERENT SCREENING CONSTANTS FOR DIFFERENT PHYSICAL PROPERTIES, I.
N66-33380 20J S04 19 HC$ 2.00 MF$ 0.50

HIGHER-ORDER STATIONARY PHASE APPROXIMATIONS IN SEMICLASSICAL SCATTERING.
N66-33384 20H S04 19 HC$ 2.00 MF$ 0.50

OSCILLATOR STRENGTHS AND HIGH ACCURACY WAVE FUNCTIONS FOR NEUTRAL HELIUM.
N66-33385 20J S04 19 HC$ 1.00 MF$ 0.50

SOME REMARKS ON THE USE OF THE VARIATIONAL PRINCIPLE FOR THE SECOND ORDER ENERGY.
N66-33420 20J S04 19 HC$ 1.00 MF$ 0.50

QUANTUM MECHANICS, STATISTICAL FUNCTIONS
BIPOLAR ANGLE AVERAGES AND TWO-CENTER, TWO-PARTICLE INTEGRALS INVOLVING R SUB 12,
AD-641 847 7D T66 24

QUANTUM STATISTICS, INTEGRALS
EVALUATION OF SOME TRANSPORT INTEGRALS,
AD-641 678 20J T66 24

QUARTZ RESONATORS, MANUFACTURING METHODS
PRODUCTION ENGINEERING MEASURES, VHF QUARTZ CRYSTAL UNITS CR-(XM-38)/U 150 MC TO 200 MC,
AD-641 606 9A T66 24 HC$ 2.00 MF$ 0.50

QUARTZ, CERAMIC FIBERS
THERMAL CONDUCTIVITY OF Q-FELT INSULATION AT ELEVATED TEMPERATURES.
AD-455 328 11G U41 24 HC$ 10.60

QUEUEING THEORY, SELECTION
SELECTION DISCIPLINES IN A SINGLE-SERVER QUEUEING SYSTEM,
AD-641 357 12B T66 24 HC$ 5.00 MF$ 1.00

QUINONES, POLYCYCLIC COMPOUNDS
SYNTHESIS AND PROPERTIES OF NAPHTHO- AND PHENANTHRAQUINONES,
AD-641 609 7C T66 24 HC$ 1.00 MF$ 0.50

RADAR ALTIMETER
USE OF ORBITAL RADARS FOR GEOSCIENCE INVESTIGATIONS.
N66-32758 8B S04 19 HC$ 2.00 MF$ 0.50

RADAR ANTENNAS, STEERING
HAYSTACK POINTING SYSTEM RADAR COORDINATE CORRECTION,
AD-641 603 17I T66 24 HC$ 2.00 MF$ 0.50

GENERAL-PURPOSE I/O CHANNEL AND INTERFACE FOR HAYSTACK 490 COMPUTER.
AD-641 640 17I T66 24 HC$ 2.00 MF$ 0.50

HAYSTACK POINTING SYSTEM DIGITAL EQUIPMENT ORGANIZATION.
AD-641 641 17I T66 24 HC$ 1.00 MF$ 0.50

RADAR CONFUSION REFLECTORS, RADAR TARGETS
ON THE PROBLEM OF DETERMINING THE POSITION ON A TARGET WITH CONSTANT SIGNAL IN THE PRESENCE OF CIRCUIT NOISE OR CHAFF.
AD-101 872 17I U41 24 HC$ 2.60

RADAR DUPLEXERS, MICROWAVE OSCILLATORS
DUPLEXER FOR A RADAR SYSTEM USING A DUAL-MODE TRANSMITTER TUBE,
AD-641 961 17I T66 24 HC$ 1.00 MF$ 0.50

RADAR EQUIPMENT, DELAY LINES
DESIGN OF INTEGRATED ELECTRONIC DELAY LINE FOR A MAN-TRANSPORTABLE MTI RADAR SET.
AD-641 328 9A T66 24 HC$ 1.00 MF$ 0.50

RADAR EQUIPMENT, MAINTENANCE PERSONNEL
IDENTIFICATION OF ELECTRONICS MAINTENANCE TRAINING REQUIREMENTS DEVELOPMENT AND EVALUATION OF AN EXPERIMENTAL ORDANCE RADAR REPAIR COURSE.
AD-457 167 5I U41 24 HC$ 3.00

RADAR HOMING, HOMING DEVICES

DETECTION RANGE OF AN ACTIVE RADAR SEEKER.
AD-85 427 17I U41 24 HC$ 3.60

RADAR SIGNALS, DOPPLER EFFECT
RADAR DOPPLER SPECTROSCOPY OF MARS. I. ELEVATION DIFFERENCES BETWEEN BRIGHT AND DARK AREAS.
PB-173 443 3B U41 24 HC$ 3.00 MF$ 0.75

RADAR SIGNALS, REFRACTION
A COMPARISON OF THREE METHODS FOR THE CORRECTION OF RADAR ELEVATION ANGLE REFRACTION ERRORS.
AD-641 705 17I T66 24 HC$ 2.00 MF$ 0.50

RADAR SYSTEM
RADAR AS A REMOTE SENSOR.
N66-32761 17I S04 19 HC$ 2.50 MF$ 0.50

RADAR TARGETS, DETECTION
A STATISTICAL THEORY OF TARGET DETECTION BY PULSED RADAR,
AD-101 287 17I U41 24 HC$ 8.60

A STATISTICAL THEORY OF TARGET DETECTION BY PULSED RADAR MATHEMATICAL APPENDIX.
AD-101 882 17I U41 24 HC$ 4.00

PRELIMINARY STUDIES OF DETECTION TIME AND OTHER FACTORS INVOLVED IN AEH PERFORMANCE.
AD-641 446 17I T66 24 HC$ 2.00 MF$ 0.50

FUNCTIONAL RELATIONSHIP OF TIME DENSITY TO THE DETECTION OF DISCRETE RADAR TARGET EVENTS.
AD-641 452 17I T66 24 HC$ 2.00 MF$ 0.50

PROBABILITY OF DETECTION FOR FLUCTUATING TARGETS,
AD-80 638 17I U41 24 HC$ 4.60

DETECTION RANGE OF AN ACTIVE RADAR SEEKER.
AD-85 427 17I U41 24 HC$ 3.60

RADAR TARGETS, RADAR CONFUSION REFLECTORS
ON THE PROBLEM OF DETERMINING THE POSITION ON A TARGET WITH CONSTANT SIGNAL IN THE PRESENCE OF CIRCUIT NOISE OR CHAFF.
AD-101 072 17I U41 24 HC$ 2.60

RADAR TARGETS, RESOLUTION
RESOLUTION OF MULTIPLE TARGETS IN CLUTTER.
AD-641 430 17I T66 24 HC$ 3.00 MF$ 0.75

RADAR TRACKING
RANGE RESIDUALS IN VHF RADAR TRACKING.
N66-33984 17I S04 19 HC$ 1.00 MF$ 0.50

SPACE PROGRAMS SUMMARY NO. 37-40, VOLUME III FOR THE PERIOD MAY 1, 1966 TO JUNE 30, 1966. THE DEEP SPACE NETWORK.
N66-38546 9F S04 23 HC$ 3.00 MF$ 1.00

RADIAL DISTRIBUTION
ON SOLUTION STRUCTURE OF THE RADIAL HEAT PROBLEM WITH SINGULAR DATA.
N66-34073 20M S04 19 HC$ 1.00 MF$ 0.50

RADIANT HEATING
TEST PROGRAM ON THIN-WALLED TUBES WITH ZERO THERMAL GRADIENT FINAL REPORT.
N66-33972 20K S04 19 HC$ 3.25 MF$ 1.25

RADIATION DAMAGE, ELECTRONIC EQUIPMENT
STUDY OF EFFECT OF HIGH-INTENSITY PULSED NUCLEAR RADIATION ON ELECTRONIC PARTS AND MATERIALS (SCORRE).
AD-641 673 9E T66 24 HC$ 3.00 MF$ 0.75

RADIATION DAMAGE, OPTICAL ANALYSIS
OPTICAL STUDIES OF RADIATION DAMAGE PROCESSES.
AD-641 725 18M T66 24 HC$ 4.00 MF$ 1.00

RADIATION DAMAGE, TRANSISTORS
EFFECT OF TRANSISTOR DESIGN PARAMETERS ON RADIATION RESPONSE (POWER TRANSISTORS).
AD-641 406 9A T66 24 HC$ 3.00 MF$ 0.75

RADIATION DISTRIBUTION
RADIATION OF AN ELEMENTARY CYLINDER ANTENNA THROUGHT A SLOTTED ENCLOSURE.
N66-33366 9F S04 19 HC$ 2.00 MF$ 0.50

RADIATION EFFECT
RADIATION EFFECTS ON SILICON SIXTH QUARTERLY PROGRESS REPORT, APR. 1 - JUN. 30, 1966,
N66-33436 20L S04 19 HC$ 1.00 MF$ 0.50

INFRARED QUENCHING OF THE PHOTOVOLTAIC EFFECT IN CADMIUM SULFIDE.
N66-33685 20L S04 19 HC$ 1.00 MF$ 0.50

AN EXPERIMENTAL INVESTIGATION OF RADIATION EFFECTS IN SEMICONDUCTORS SEMIANNUAL STATUS REPORT, 1 JAN. - 30 JUN. 1966.
N66-34068 20L S04 19 HC$ 1.00 MF$ 0.50

DAMAGE TO FIELD-EFFECT TRANSISTORS UNDER 22 AND 120 ME V PROTON BOMBARDMENTS.
N66-37676 9A S04 23 HC$ 2.00 MF$ 0.50

IRRADIATION DAMAGE IN MILD STEEL. A COMPARISON OF CRACK ARREST TEST AND CHARPY CRITERIA AND THE INFLUENCE OF NEUTRON SPECTRUM.
N66-37780 18H S04 23 HC$ 2.00 MF$ 0.50

RADIATION EFFECTS, BEHAVIOR
PERFORMANCE OF RHESUS MONKEYS DURING CONTINUOUS LOW-LEVEL GAMMA RADIATION AN EXPLORATORY STUDY.
AD-641 331 6R T66 24 HC$ 2.00 MF$ 0.50

RADIATION EFFECTS, CHROMOSOMES
CHROMOSOMAL DAMAGE IN HUMANS PRODUCED BY X-IRRADIATION.
AD-641 505 6R T66 24 HC$ 1.00 MF$ 0.50

RADIATION EMISSION
STUDY ON EXHAUST PLUME RADIATION PREDICTIONS INTERIM TECHNICAL PROGRESS REPORT, 1 JUN. 1964 - 30 NOV. 1965.
N66-38105 20M S04 23 HC$ 4.00 MF$ 1.00

RADIATION FIELD
ON THE QUESTION OF CALCULATION OF RADIATION IN ONE-DIMENSIONAL MOVEMENT OF MONATOMIC GAS.
N66-33940 20D S04 19 HC$ 3.00 MF$ 1.00

RADIATION HAZARD
SOLAR FLARE HAZARD TO EARTH-ORBITING VEHICLES FINAL REPORT.
N66-38758 20H S04 23 HC$ 2.00 MF$ 0.50

RADIATION INJURIES, BURNS
A RATE PROCESS THEORY OF THERMAL INJURY,
AD-212 660 6R U41 24 HC$ 3.60

RADIATION INJURIES, CHROMOSOMES
CHROMOSOMAL DAMAGE IN HUMANS PRODUCED BY X-IRRADIATION.
AD-641 505 6R T66 24 HC$ 1.00 MF$ 0.50

RADIATION INJURIES, TISSUES(BIOLOGY)
IONIZING RADIATION, INJURY, PREVENTION AND TREATMENT.
AD-641 880 6R T66 24 HC$ 2.00 MF$ 0.50

RADIATION MEASUREMENT
RADIATION MEASUREMENT TECHNIQUES.
N66-33771 14B S04 19 HC$ 2.00 MF$ 0.50

RADIATION TEMPERATURE MEASUREMENTS OF THE NITROGEN AFTERGLOW PLASMA.
N66-34074 20I S04 19 HC$ 1.00 MF$ 0.50

TIROS RADIATION MEASUREMENTS AND VARIATIONS IN ATMOSPHERIC HEATING.
N66-38420 4B S04 23 HC$ 2.00 MF$ 0.50

RADIATION MEASUREMENT SYSTEMS, NUCLEAR EXPLOSIONS
ANALYSIS OF ARGUS/EXPLORER IV RECORDS.
AD-463 240 18C U41 24 HC$ 4.00

RADIATION MEASUREMENT SYSTEMS, SOILS
CORRELATION AND CONFERENCE OF PORTABLE NUCLEAR DENSITY AND MOISTURE SYSTEMS,
PB-173 496 8H U41 24 HC$ 3.00 MF$ 0.75

RADIATIVE HEAT TRANSFER
PRELIMINARY EVALUATION OF A NUMBER OF ABLATIVE HEAT-SHIELD MATERIALS EXPOSED TO COMBINED RADIATIVE AND CONVECTIVE HEATING.
N66-33307 20M S04 19 HC$ 3.00 MF$ 0.75

RADIATIVE HEAT TRANSFER NEAR THE STAGNATION POINT OF A BLUNT BODY.
N66-33702 20M S04 19 HC$ 1.00 MF$ 0.50

PROJECT FIRE INSTRUMENTATION FOR RADIATIVE HEATING AND RELATED MEASUREMENTS.
N66-38410 20M S04 23 HC$ 2.50 MF$ 0.75

RADIO COMMUNICATION SYSTEMS, TACTICAL WARFARE
FREQUENCY ASSIGNMENT STUDIES.
AD-641 431 17B T66 24 HC$ 6.00 MF$ 1.25

RADIO NAVIGATION, RADIO RECEIVERS
LONG RANGE FLIGHT TESTS OF THE OMEGA AIRCRAFT RECEIVER.
AD-463 062 17B U41 24 HC$ 2.60

RADIO NAVIGATION, TAPES
STANDARDS AND SPECIFICATIONS FOR MYLAR FAN-FOLDED PERFORATOR TAPE TO BE USED WITH THE AN/BRN-3 RADIO NAVIGATION SET.
AD-641 502 17B T66 24 HC$ 1.00 MF$ 0.50

RADIO RECEIVERS, HYPERBOLIC NAVIGATION
AIRBORNE OMEGA RECEIVER.
AD-481 365 17B U41 24 HC$ 2.60 MF$ 0.50

RADIO RECEIVERS, RADIO NAVIGATION
LONG RANGE FLIGHT TESTS OF THE OMEGA AIRCRAFT RECEIVER.
AD-463 062 17B U41 24 HC$ 2.60

RADIO SOURCE
SEARCH FOR HIGH-ENERGY PHOTONS FROM DISCRETE SOURCES OF COSMIC RADIATION.
N66-33691 20H S04 19 HC$ 1.00 MF$ 0.50

RADIO TELEMETRY
RADIO WAVE PROPAGATION AND SATELLITE TRACKING ANNUAL SPECIAL REPORT, 1964-1965.
N66-33037 20N S04 19 HC$ 1.00 MF$ 0.50

RADIO TELESCOPE
RADIO ASTRONOMY SIGNAL SPECTRUM ANALYSER,
N66-33396 9F S04 19 HC$ 2.00 MF$ 0.50

RADIO TELESCOPES, STEERING
HAYSTACK POINTING SYSTEM RADAR COORDINATE CORRECTION.
AD-641 693 17I T66 24 HC$ 2.00 MF$ 0.50

GENERAL-PURPOSE I/O CHANNEL AND INTERFACE FOR HAYSTACK 490 COMPUTER.
AD-641 648 17I T66 24 HC$ 2.00 MF$ 0.50

HAYSTACK POINTING SYSTEM DIGITAL EQUIPMENT ORGANIZATION.

AD-641 641 171 T66 24 HC$ 1.00 MF$ 0.50

RADIOACTIVE DECAY, TIN
DISINTEGRATION OF SN113,
AD-641 746 18H T66 24 HC$ 2.00 MF$ 0.50

RADIOACTIVE FALLOUT, DECONTAMINATION
REMOVAL OF SIMULATED FALLOUT FROM ASPHALT STREETS BY FIREHOSING TECHNIQUES,
AD-641 488 18H T66 24 HC$ 4.00 MF$ 0.75

RADIOACTIVE FALLOUT, MATHEMATICAL MODELS
THE NRDL DYNAMIC MODEL FOR FALLOUT FROM LAND SURFACE NUCLEAR BURSTS.
AD-236 207 18C U41 24 HC$ 5.60

RADIOACTIVE NUCLIDE
COSMOGENIC RADIOACTIVITIES IN THE PEACE RIVER AND HARLETON CHONDRITES,
N66-33412 8G S04 19 HC$ 1.00 MF$ 0.50

RADIOFREQUENCY POWER, TEST SETS
RADIO FREQUENCY POWER TEST SET AN/USM-96,
PB-173 485 14B U41 24 HC$ 1.00 MF$ 0.50

RADIOFREQUENCY, SCHEDULING
FREQUENCY ASSIGNMENT STUDIES.
AD-641 431 17B T66 24 HC$ 6.00 MF$ 1.25

RADIOLOGICAL CONTAMINATION, LABORATORY ANIMALS
DESCRIPTION D UN DISPOSITIF PERMETTANT LA CONTAMINATION D ANIMAUX DE LABORATOIRE PAR INHALATION D AEROSOLS RADIOACTIFS (DEVICE FOR CONTAMINATING LABORATORY ANIMALS BY INHALATION OF RADIOACTIVE AEROSOLS),
PB-173 384 6R U41 24 HC$ 2.00 MF$ 0.50

RADIOMETERS, MAPPING
GROUND-TRUTH RESEARCH FOR AN AIRBORNE MULTISENSOR SURVEY PROGRAM.
AD-641 894 8B T66 24 HC$ 3.00 MF$ 0.75

RADIOMETRY
TIROS VII RADIATION DATA CATALOG AND USERS MANUAL, VOL. 4 - 1 OCTOBER 1964 19 JUNE 1965.
N66-32793 4A S04 19 HC$ 4.25 MF$ 1.75

ON THE USE OF THERMOPILES FOR ABSOLUTE RADIOMETRY IN THE FAR ULTRAVIOLET.
N66-33178 20F S04 19 HC$ 2.00 MF$ 0.50

DATA PROCESSING OF LUNAR INFRARED MEASUREMENTS AT HIGH SPATIAL AND RADIOMETRIC RESOLUTION TO OBTAIN BRIGHTNESS TEMPERATURES SCIENTIFIC REPORT NO. 9.
N66-33394 3A S04 19 HC$ 3.00 MF$ 0.75

A NEW FOUR-CHANNEL SCANNING SPECTROMETER FOR BALLISTIC-RANGE RADIOMETRY.
N66-37640 20F S04 23 HC$ 1.00 MF$ 0.50

RADOMES, MICROWAVE FREQUENCY
MATCHED INDUCTIVE PLATE RADOME,
AD-641 353 17I T66 24 HC$ 2.00 MF$ 0.50

RAILROADS, AUTOMATA
STATION FARE COLLECTION KEW GARDENS-FOREST HILLS QUEENS COUNTY, NEW YORK.
PB-173 473 13F U41 24 HC$ 2.00 MF$ 0.50

RAINDROPS, MEASUREMENT
SWEPT FREQUENCY MEASUREMENT OF WATER-DROP DIAMETER,
AD-641 692 4B T66 24

RAIOMETERS, GEOMETRIC FORMS
KINETIC THEORY OF MOLECULAR RADIOMETRIC FORCE AND RADIOMETER,
AD-480 791 7D U41 24 HC$ 2.00 MF$ 0.50

RAMAN EFFECT
A NEW CLASS OF TRAPPED LIGHT FILAMENTS.
N66-33863 20E S04 19 HC$ 1.00 MF$ 0.50

RAMJET ENGINES, SUPERSONIC FLOW
RECENT RESEARCH IN SUPERSONIC COMBUSTION AT INTA,
AD-641 758 21B T66 24 HC$ 1.00 MF$ 0.50

RANDOM VARIABLE
AN ASSEMBLY CONTAMINATION MODEL.
N66-32963 6T S04 19 HC$ 2.00 MF$ 0.50

RANDOM VIBRATION
STUDY TO DEFINE AGENA VIBRATION AND ACOUSTIC ENVIRONMENT.
N66-38495 22B S04 23 HC$ 3.75 MF$ 1.50

RANGE CONTROL
A SUPERCIRCULAR ENTRY GUIDANCE CONCEPT DESIGNED FOR MAXIMUM MONITORING CAPABILITY.
N66-37682 22C S04 23 HC$ 2.00 MF$ 0.50

RANGE FINDING, ACOUSTIC DETECTORS
A SOUND/RANGING TECHNIQUE FOR LOCATING SUPERSONIC MISSILES,
AD-641 669 17A T66 24 HC$ 2.00 MF$ 0.50

RANGE FINDING, OPTICAL EQUIPMENT
PULSE COMPRESSION OPTICAL RANGING STUDY.
AD-465 151 20C U41 24 HC$ 2.00 MF$ 0.50

RANGE FINDING, PULSE COMPRESSION
PULSE COMPRESSION OPTICAL RANGING STUDY.
AD-465 151 20C U41 24 HC$ 2.00 MF$ 0.50

RANGE MEASUREMENT
RADAR AS A REMOTE SENSOR.
N66-32761 17I S04 19 HC$ 2.50 MF$ 0.50

RANGE SAFETY
RANGE SAFETY DATA FOR SATURN SA-10.
N66-32794 22D S04 19 HC$ 2.50 MF$ 0.75

RANGER BLOCK III
RANGER BLOCK III ATTITUDE CONTROL SYSTEM - MANUFACTURING, TESTING, AND PERFORMANCE.
N66-38501 22B S04 23 HC$ 3.00 MF$ 0.75

RANGER LUNAR LANDING VEHICLE
GROUND TEST SIMULATION OF LIFT-OFF AND TRANSONIC VIBRATION EXCITATION MECHANISMS ON THE RANGER SPACECRAFT.
N66-37642 22B S04 23 HC$ 1.00 MF$ 0.50

RANKINE CYCLE
RANKINE CYCLE TEST FACILITY STUDY - TECHNICAL DATA FINAL REPORT.
N66-33975 10B S04 19 HC$ 5.54 MF$ 2.50

ANALYSIS OF CONDENSING PRESSURE CONTROL FOR SNAP-8 SYSTEM.
N66-37683 18N S04 23 HC$ 1.00 MF$ 0.50

COMPARISON OF CALCULATED AND MEASURED CHARACTERISTICS OF HORIZONTAL MULTITUBE HEAT EXCHANGER WITH STEAM CONDENSING INSIDE TUBES.
N66-38418 10B S04 23 HC$ 2.00 MF$ 0.50

RARE EARTH
THE VAPOR COMPOSITION IN THE HALIDE SYSTEMS OF CERTAIN ALKALI AND ALKALI EARTH METALS.
N66-33721 7B S04 19 HC$ 1.00 MF$ 0.50

METEORITIC, SOLAR, AND TERRESTRIAL RARE-EARTH DISTRIBUTION.
N66-34044 8D S04 19 HC$ 6.00 MF$ 1.50

RARE EARTH ELEMENTS, SEPARATION
METHODE DE SEPARATION DES TERRES RARES PAR ELECTROPHORESE A HAUTE TENSION SUR PAPIER - SUPPORT (SEPARATION METHOD FOR RARE-EARTHS USING HIGH-VOLTAGE ELECTROPHORESIS ON PAPER STRIP),
PB-173 398 7E U41 24 HC$ 4.00 MF$ 0.75

RAREFIED GAS DYNAMICS
AERODYNAMICS RESEARCH AT MSFC.
N66-38487 1A S04 23 HC$ 2.00 MF$ 0.50

RC NETWORK
ANALOG CIRCUIT FOR DETERMINING THE RATIO AND PRODUCT OF TWO TIME FUNCTIONS.
N66-33179 9A S04 19 HC$ 1.00 MF$ 0.50

REACTION KINETICS, ELECTROLYTIC CELLS
THIN-ELECTRODE THIN-LAYER ELECTROCHEMISTRY DETERMINATION OF CHEMICAL REACTION RATES BY DECAY OF STEADY-STATE CURRENT.
AD-641 766 7D T66 24

REACTION KINETICS, RECOMBINATION REACTIONS
MISSION ORIENTED INVESTIGATION AND EXPERIMENTATION - GASEOUS DISCHARGE.
AD-456 624 20I U41 24 HC$ 1.00

REACTION TIME
REACTION RATE DISTRIBUTIONS AND RATIOS IN FRO ASSEMBLIES 1, 2, AND 3.
N66-33125 18K S04 19 HC$ 3.00 MF$ 0.75

STUDY OF THE PROPAGATION PROCESS OF A REACTION IN SOLID PHASES.
N66-33682 20L S04 19 HC$ 2.00 MF$ 0.50

REACTOR ACCIDENTS, RECOVERY
TELEVISION SYSTEM STUDY FOR NUCLEAR ACCIDENT RECOVERY, PHASE I.
EGG-1183-1210 18I U41 24 HC$ 5.00 MF$ 1.00

REACTOR CORE
HEAT-TRANSFER ANALYSIS OF THE PLUM BROOK REACTOR.
N66-33973 18I S04 19 HC$ 2.00 MF$ 0.50

REACTOR FUEL
CRITICAL MASS STUDIES WITH THE NASA ZERO POWER REACTOR II. II - HETEROGENEOUS ARRAYS OF CYLINDRICAL VOIDS.
N66-33021 18L S04 19 HC$ 1.00 MF$ 0.50

REACTOR FUEL ELEMENTS, RADIATION DAMAGE
RESULTATS D IRRADIATION D ELEMENTS COMBUSTIBLES EN OXYDE MIXTE UO2 - PUO2 (RESULTS OF THE IRRADIATION OF MIXED UO2 - PUO2 OXIDE FUEL ELEMENTS),
PB-173 385 18J U41 24 HC$ 3.00 MF$ 0.75

REACTOR FUELS, FISSION PRODUCTS
CONTRIBUTION A L ETUDE DE LA DESORPTION DES GAZ DE FISSION FORMES DANS L OXYDE D URANIUM IRRADIE (CONTRIBUTION TO THE STUDY OF THE DESORPTION OF FISSION GASES FORMED IN IRRADIATED URANIUM OXIDE),
PB-173 389 18G U41 24 HC$ 2.00 MF$ 0.50

REACTOR TECHNOLOGY
EXPERIMENTAL INVESTIGATION OF A CONFINED, JET- DRIVEN WATER VORTEX.
N66-38502 20D S04 23 HC$ 2.00 MF$ 0.50

RECEIVER
RADIO ASTRONOMY SIGNAL SPECTRUM ANALYSER,
N66-33396 9F S04 19 HC$ 2.00 MF$ 0.50

VEHICLE TRACKING RECEIVER DESIGN,
N66-38787 9F S04 23 HC$ 3.00 MF$ 0.75

RECEIVING SYSTEM
IONOSPHERIC RESEARCH USING SATELLITES ANNUAL SUMMARY REPORT.
N66-33523 4A S04 19 HC$ 3.00 MF$ 0.50

RECOMBINATION REACTIONS, SURFACES
MISSION ORIENTED INVESTIGATION AND EXPERIMENTATION - GASEOUS DISCHARGE.
AD-456 624 20I U41 24 HC$ 1.00

RECTANGULAR PLATE
FLUTTER OF MULTIPLE-STREAMWISE BAY RECTANGULAR PANELS AT LOW SUPERSONIC MACH NUMBER.
N66-33024 20K S04 19 HC$ 2.00 MF$ 0.50

THE EIGENVALUE PROBLEM FOR BEAMS AND RECTANGULAR PLATES WITH LINEARLY VARYING IN-PLANE AND AXIAL LOAD.
N66-33025 20K S04 19 HC$ 2.00 MF$ 0.50

RECTANGULAR WING
FORCE AND PRESSURE-DISTRIBUTION INVESTIGATION TO HIGH ANGLES OF ATTACK ON ALL-MOVABLE TRIANGULAR AND RECTANGULAR WINGS IN COMBINATION WITH A BODY AT SUPERSONIC SPEEDS.
N66-33349 1A S04 19 HC$ 3.25 MF$ 1.25

REDUNDANT SYSTEM
RESEARCH ON FAILURE FREE SYSTEMS QUARTERLY REPORT NO. 8, MAR. 23 - JUN. 23, 1966.
N66-33435 9A S04 19 HC$ 1.00 MF$ 0.50

REENTRY BODY
SUBSONIC AERODYNAMIC CHARACTERISTICS OF PYRAMIDAL RE-ENTRY SHAPES INCORPORATING VARIABLE GEOMETRY.
N66-33316 1A S04 19 HC$ 2.00 MF$ 0.50

TRANSONIC STATIC AND DYNAMIC LONGITUDINAL STABILITY CHARACTERISTICS OF A LOW-FINENESS- RATIO, BLUNTED-CYLINDER REENTRY BODY HAVING A CONVERGING-CONE AFTERBODY.
N66-33318 1D S04 19 HC$ 2.00 MF$ 0.50

REENTRY GLIDER
STABILITY AND CONTROL CHARACTERISTICS AT A MACH NUMBER OF 1.89 OF A LIGHTWEIGHT GLIDER REENTRY CONFIGURATION.
N66-33337 22C S04 19 HC$ 1.00 MF$ 0.50

REENTRY TRAJECTORY
STUDY OF LOCAL FLOW CONDITIONS OVER A HEMISPHERICALLY BLUNTED 25 DEG CONE FOR A SHALLOW RE-ENTRY TRAJECTORY.
N66-33979 22C S04 19 HC$ 2.00 MF$ 0.50

REENTRY VEHICLE
WIND-TUNNEL INVESTIGATION AT A MACH NUMBER OF 2.91 OF STABILITY AND CONTROL CHARACTERISTICS OF THREE LIFTING REENTRY CONFIGURATIONS AT ANGLES OF ATTACK UP TO 90 DEGREES.
N66-33306 1A S04 19 HC$ 2.00 MF$ 0.50

PRELIMINARY EVALUATION OF A NUMBER OF ABLATIVE HEAT-SHIELD MATERIALS EXPOSED TO COMBINED RADIATIVE AND CONVECTIVE HEATING.
N66-33307 20H S04 19 HC$ 3.00 MF$ 0.75

STATIC STABILITY AND CONTROL CHARACTERISTICS OF TWO LARGE-DIHEDRAL RIGHT TRIANGULAR PYRAMID LIFTING REENTRY CONFIGURATIONS AT A MACH NUMBER OF 3.05.
N66-33317 1D S04 19 HC$ 2.00 MF$ 0.50

A SUPERCIRCULAR ENTRY GUIDANCE CONCEPT DESIGNED FOR MAXIMUM MONITORING CAPABILITY.
N66-37682 22C S04 23 HC$ 2.00 MF$ 0.50

PROJECT FIRE PHOTOGRAPHIC SUMMARY AND RECORD OF REENTRY PHENOMENA AT HYPERBOLIC VELOCITIES.
N66-38406 20H S04 23 HC$ 2.50 MF$ 0.75

REFLECTION, ELECTROMAGNETIC WAVES
REFLECTION AND TRANSMISSION OF ELECTROMAGNETIC WAVES BY A MOVING DIELECTRIC MEDIUM.
AD-641 733 20N T66 24

REFLECTORS, LASERS
A GLASS LASER COUPLING REFLECTOR.
AD-641 513 20E T66 24

REFRACTIVE INDEX, CALCIUM COMPOUNDS
REFRACTIVE INDEX OF CALCIUM OXIDE.
AD-641 787 20B T66 24

REFRACTIVE INDEX, PLASMA MEDIUM
INDEX OF REFRACTION OF EXCITED MONATOMIC GASES.
AD-641 387 20H T66 24 HC$ 1.00 MF$ 0.50

REFRACTIVE INDEX, STRONTIUM COMPOUNDS
REFRACTIVE INDEX OF STRONTIUM OXIDE.
AD-641 788 20B T66 24

REFRACTORY ALLOY
ADVANCED REFRACTORY ALLOY CORROSION LOOP PROGRAM QUARTERLY PROGRESS REPORT NO. 4, JAN. 15 - APR. 15, 1966.
N66-33976 11F S04 19 HC$ 2.00 MF$ 0.50

POTASSIUM CORROSION TEST LOOP DEVELOPMENT QUARTERLY PROGRESS REPORT NO. 10, 15 OCT. 1965 - 15 JAN. 1966.
N66-38148 14B S04 23 HC$ 2.00 MF$ 0.50

REFRACTORY METAL
DIFFUSION AND ELECTRON EMISSION PROPERTIES OF DUPLEX REFRACTORY METAL THERMIONIC EMITTERS.
N66-33023 11F S04 19 HC$ 2.00 MF$ 0.50

SUBLIMATION PRESSURES OF REFRACTORY FLUORIDES.
N66-33392 7D S04 19 HC$ 1.00 MF$ 0.50

REFRACTORY METALS, PURIFICATION
PREPARATION AND CHARACTERIZATION OF ULTRA-PURE SOLIDS.
AD-641 958 20L T66 24 HC$ 3.00 MF$ 0.75

REGENERATIVE COOLING
EXPERIMENTAL PERFORMANCE OF LIQUID HYDROGEN AND LIQUID FLUORINE IN REGENERATIVELY COOLED ROCKET ENGINES.
N66-33342 21H S04 19 HC$ 2.00 MF$ 0.50

EXPERIMENTS WITH HYDROGEN AND OXYGEN IN REGENERATIVE ENGINES AT CHAMBER PRESSURES FROM 100 TO 300 POUNDS PER SQUARE INCH ABSOLUTE.
N66-33344 21H S04 19 HC$ 2.00 MF$ 0.50

REGRESSION ANALYSIS
UNLIMITED SIMULTANEOUS DISCRIMINATION INTERVALS IN REGRESSION TECHNICAL REPORT NO. 90.
N66-33401 12A S04 19 HC$ 2.00 MF$ 0.50

REINFORCING FIBER
ELECTRICAL RESISTIVITY AND CONDUCTIVITY OF TUNGSTEN-FIBER-REINFORCED COPPER COMPOSITES.
N66-33983 11F S04 19 HC$ 1.00 MF$ 0.50

REINFORCING MATERIALS, GLASS
HOLLOW GLASS FIBER REINFORCED LAMINATES.
AD-451 684 11I U41 24 HC$ 5.00

RELATIVITY THEORY
RESEARCH RELATED TO AN EXPERIMENTAL TEST OF GENERAL RELATIVITY SEMIANNUAL STATUS REPORT, 1 JAN. - 30 JUN. 1966.
N66-34067 20J S04 19 HC$ 2.00 MF$ 0.50

RELATIVITY THEORY, DIFFERENTIAL GEOMETRY
PHYSICS AND GEOMETRY.
AD-641 630 20J T66 24

RELATIVITY THEORY, DOPPLER EFFECT
RELATIVISTIC EFFECT ON THE CLASSICAL DOPPLER SHIFT AN ANNOTATED BIBLIOGRAPHY.
AD-641 504 20N T66 24 HC$ 1.00 MF$ 0.50

RELATIVITY THEORY, EDUCATION
LECTURES ON RELATIVITY THEORY.
AD-641 832 20J T66 24 HC$ 5.00 MF$ 1.00

RELATIVITY THEORY, FIELD THEORY
COMPLEX RELATIVITY THEORY AND WAVE MECHANICS, (IA).
AD-641 908 20J T66 24 HC$ 2.00 MF$ 0.50

RELATIVITY THEORY, GRAVITY
10 EXACT GRAVITATIONALLY-CONSERVED QUANTITIES.
AD-641 682 20J T66 24

RELATIVITY THEORY, GROUPS(MATHEMATICS)
NOTE ON THE BONDI-METZNER-SACHS GROUP.
AD-641 688 20J T66 24

RELAXATION TIME
THE EFFECT OF DEFECTS ON THE BASAL PLANE THERMAL CONDUCTIVITY OF A GRAPHITE CRYSTAL. PART I - THEORY.
N66-33110 18K S04 19 HC$ 1.00 MF$ 0.50

RELAXATION TIME, GAMMA RAYS
RELAXATION NARROWING OF MOSSBAUER GAMMA RAYS.
AD-641 764 20H T66 24

RELIABILITY
RANGE SAFETY DATA FOR SATURN SA-10.
N66-32794 22D S04 19 HC$ 2.50 MF$ 0.75

RESEARCH ON FAILURE FREE SYSTEMS QUARTERLY REPORT NO. 8, MAR. 23 - JUN. 23, 1966.
N66-33435 9A S04 19 HC$ 1.00 MF$ 0.50

RELIABILITY(ELECTRONICS), COST EFFECTIVENESS
THE COST OF UNRELIABILITY OF AIR FORCE AIRBORNE ELECTRONIC EQUIPMENT AS PRESENTED BY THE COST OF MAINTENANCE.
AD-85 471 15E U41 24 HC$ 3.60

RELIABILITY, SYSTEMS ENGINEERING
SAFETY MARGINS AND ULTIMATE RELIABILITY.
AD-641 495 14D T66 24 HC$ 1.00 MF$ 0.50

REMOTE CONTROL
REMOTE MAN-MACHINE CONTROL SYSTEM EVALUATION FINAL REPORT.
N66-32800 5H S04 19 HC$ 3.75 MF$ 1.25

RESEARCH PROGRAM ADMINISTRATION, SCIENTIFIC RESEARCH
THE SCIENTIFIC FOUNDATIONS OF SCIENCE POLICY.
PB-173 476 5A U41 24 HC$ 1.00 MF$ 0.50

RESIDUAL STRESS
X-RAY MEASUREMENT OF RESIDUAL STRESSES IN TITANIUM ALLOY SHEET.
N66-38113 11F S04 23 HC$ 2.00 MF$ 0.50

RESIDUAL STRESSES IN 17-4 PH STEEL.
N66-38498 11F S04 23 HC$ 2.50 MF$ 0.75

RESIN
INITIATION OF FAILURE MECHANISMS IN GLASS- RESIN COMPOSITES.
N66-33464 11D S04 19 HC$ 3.00 MF$ 0.75

RESISTANCE THERMOMETERS, DESIGN
DISCLOSURES ON A TRANSROTOR ENGINE, HIGH TEMPERATURE PLATINUM RESISTANCE THERMOMETER, DYNAMIC ANALOG CORRELATION SYSTEM, AND COMBINATION METERING AND SAFETY VALVE FOR FILLING SONDE BALLONS WITH HYDROGEN.
NBS-TN-295 14B U41 24 HC$ 0.25 MF$ 0.50

RESISTORS, FAILURE(ELECTRONICS)
FAILURE MECHANISMS IN RESISTORS.
AD-641 858 9A T66 24 HC$ 4.00 MF$ 0.75

RESISTORS, TANTALUM
THIN FILMS FORMED BY ELECTROCHEMICAL REACTIONS.
AD-641 613 9A T66 24 HC$ 3.00 MF$ 0.50

RESOLUTION
THE EFFECTS OF A GEMINI LEFT-HAND WINDOW ON EXPERIMENTS REQUIRING ACCURACY IN SIGHTING OR RESOLUTION.
N66-38142 20F S04 23 HC$ 2.00 MF$ 0.50

RESOLUTION, RADAR TARGETS
RESOLUTION OF MULTIPLE TARGETS IN CLUTTER.
AD-641 438 17I T66 24 HC$ 3.00 MF$ 0.75

RESONANCE
INTERMEDIATE ENERGY PHYSICS, VOLUME II.
N66-32766 20H S04 19 HC$ 4.25 MF$ 2.00

RESONANT FREQUENCY
OPTICAL MASER PHOTON RATE GYROSCOPE.
N66-33372 20E S04 19 HC$ 1.00 MF$ 0.50

AN EVALUATION OF THE OPTICAL MASER PHOTON RATE GYROSCOPE.
N66-33411 20E S04 19 HC$ 2.00 MF$ 0.50

RESONATORS, LASERS
UNSTABLE OPTICAL RESONATORS FOR LASER APPLICATIONS.
AD-469 878 20E U41 24 HC$ 2.00

RESPIRATION
BEAT TO BEAT REGULATION OF THE PULMONARY CIRCULATION IN CONSCIOUS DOGS. THE EFFECTS OF NORMAL RESPIRATION.
N66-38228 6P S04 23 HC$ 2.00 MF$ 0.50

RESPIRATION, SPACE MEDICINE
OBSERVATIONS ON MAN IN AN OXYGEN-HELIUM ENVIRONMENT AT 380 MM. HG TOTAL PRESSURE. III. HEAT EXCHANGE.
AD-641 827 6S T66 24

OBSERVATIONS ON MAN IN AN OXYGEN-HELIUM ENVIRONMENT AT 380 MM. HG TOTAL PRESSURE. II. RESPIRATORY.
AD-641 828 6S T66 24

THE STUDY OF MAN DURING A 56-DAY EXPOSURE TO AN OXYGEN-HELIUM ATMOSPHERE AT 258 MM HG TOTAL PRESSURE. VII. RESPIRATORY FUNCTION.
AD-641 829 6S T66 24

RETENTION, PSYCHOMETRICS
SHORT-TERM RETENTION AS A RATIO OF AVERAGE STORAGE LOAD TO AVERAGE LOAD REDUCTION.
AD-641 382 5J T66 24

RETICULO-ENDOTHELIAL SYSTEM, TETRACYCLINES
EFFECT OF SINGLE AND REPEATED TETRACYCLINE ADMINISTRATION ON THE PHAGOCYTIC FUNCTION OF RETICULENDOTHELIAL SYSTEMS.
AD-641 749 6O T66 24 HC$ 1.00 MF$ 0.50

RETINA, NEOPLASMS
UNSUSPECTED RETINOBLASTOMA ENUCLEATION IN AN 11-YEAR OLD GIRL FOLLOWING INJURY AND PANOPHTHALMITIS.
AD-641 834 6E T66 24

REVERSED FLOW
DESIGN OF A FLUID JET AMPLIFIER WITH REDUCED RECEIVER-INTERACTION-REGION COUPLING.
N66-37679 13G S04 23 HC$ 2.00 MF$ 0.50

BUOYANCY EFFECTS ON CRITICAL HEAT FLUX OF FORCED CONVECTIVE BOILING IN VERTICAL FLOW.
N66-38143 20H S04 23 HC$ 1.00 MF$ 0.50

RHENIUM ALLOY
INVESTIGATION OF MECHANICAL PROPERTIES OF CHROMIUM, CHROMIUM RHENIUM, AND DERIVED ALLOYS TWENTY-THIRD QUARTERLY PROGRESS REPORT, OCT. 1, 1965 - MAR. 31, 1966.
N66-33432 11F S04 19 HC$ 1.00 MF$ 0.50

RHEOLOGY, GELS
AN INVESTIGATION OF THE RHEOLOGY OF GELS.
AD-641 484 20D T66 24 HC$ 1.00 MF$ 0.50

RHEOLOGY, GRAVITY
GRAVITATIONAL DEVELOPMENT OF SLOPES.
AD-641 756 8F T66 24 HC$ 1.00 MF$ 0.50

RICKETTSIA, ANTIBIOTICS
A METHOD OF DETERMINING SENSITIVITY OF RICKETTSIA BURNETI TO ANTIBIOTICS IN VITRO.
AD-641 752 6O T66 24 HC$ 1.00 MF$ 0.50

RIGID BODY
MOTION OF A RIGID BODY UNDER THE EFFECT OF ROTATION OF AN INTERNAL FLYWHEEL.
N66-33697 20D S04 19 HC$ 1.00 MF$ 0.50

RING STRUCTURE
FUEL SLOSHING STUDIES QUARTERLY PROGRESS REPORT NO. 15, 1 OCT. - 31 DEC. 1965.
N66-34071 20D S04 19 HC$ 1.00 MF$ 0.50

ROADS, CONSTRUCTION
NUCLEAR MOISTURE-DENSITY EVALUATION. PART II.
PB-173 421 13R U41 24 HC$ 2.00 MF$ 0.50

THE EFFECT OF HEIGHT OF HIGHWAY FILLS ON THE DESIGN OF CULVERTS. PHASE I. PRESSURE GAGE.
PB-173 498 13B U41 24 HC$ 4.00 MF$ 1.00

ROADS, MATERIALS
COMPARISON OF AASHO AND TEXAS TEST METHODS AND SPECIFICATIONS FOR FLEXIBLE BASE MATERIALS.
PB-173 368 11G U41 24 HC$ 8.00 MF$ 0.75

ROADS, REINFORCED CONCRETE
A STUDY OF AN EXPERIMENTAL CONTINUOUSLY REINFORCED CONCRETE PAVEMENT, INTERSTATE NO. 59, JONES COUNTY, MISSISSIPPI.
PB-173 484 13B U41 24 HC$ 5.00 MF$ 1.00

ROADS, STATISTICAL ANALYSIS
THE IMPLICATIONS OF SEVERAL TYPES OF STATISTICAL SPECIFICATIONS.
PB-173 410 13B U41 24 HC$ 2.00 MF$ 0.50

ROCKET CASES, MATERIAL FORMING
EVALUATION OF THE LYON, INC. FORTY INCH DIAMETER ROCKET MOTOR CASE FABRICATED BY THE HOT CUP-COLD DRAW PROCESS.
AD-455 918 19G U41 24 HC$ 5.00

ROCKET CHAMBER
INVESTIGATION OF INJECTORS FOR A LOW-CHAMBER- PRESSURE HYDROGEN-FLUORINE ROCKET ENGINE.
N66-33333 21H S04 19 HC$ 2.00 MF$ 0.50

AN EXPERIMENTAL EVALUATION OF 100-LB-THRUST ABLATIVELY COOLED ROCKET ENGINES.
N66-37809 21H S04 23 HC$ 2.00 MF$ 0.50

ROCKET ENGINE
PERFORMANCE OF JP-4 FUEL WITH FLUORINE- OXYGEN MIXTURES IN 1000-POUND-THRUST ROCKET ENGINES.
N66-33309 21I S04 19 HC$ 2.00 MF$ 0.50

EXPERIMENTAL HYDROGEN-FLUORINE ROCKET PERFORMANCE AT LOW PRESSURES AND HIGH RATIOS.
N66-33325 21I S04 19 HC$ 2.00 MF$ 0.50

ANALYTICAL AND EXPERIMENTAL STUDY OF ALTITUDE COMPENSATION OF A ROCKET BY SECONDARY INJECTION.
N66-33496 21H S04 19 HC$ 2.50 MF$ 0.75

TEMPERATURE AND DENSITY MEASUREMENTS IN THE BASE REGION OF A CLUSTERED ROCKET MODEL USING AN ELECTRON BEAM TECHNIQUE.
N66-34045 21H S04 19 HC$ 4.00 MF$ 1.00

AN EXPERIMENTAL EVALUATION OF 100-LB-THRUST ABLATIVELY COOLED ROCKET ENGINES.
N66-38503 21H S04 23 HC$ 2.00 MF$ 0.50

ROCKET INSTRUMENTATION
AN ELECTRIC FIELD METER FOR ROCKET AND SATELLITE USE.
N66-37998 4A S04 23 HC$ 4.00 MF$ 0.75

ULTRAVIOLET MEASUREMENTS IN PLANETARY ATMOSPHERES.
N66-38722 4A S04 23 HC$ 2.00 MF$ 0.50

ROCKET LAUNCHERS, PERFORMANCE(ENGINEERING)
ROCKET LAUNCHER STUDIES.
AD-445 710 19G U41 24 HC$ 2.00

ROCKET MODELS, ORBITAL TRAJECTORIES
SIX DEGREE OF FREEDOM DIGITAL SIMULATION MODEL FOR UNGUIDED FIN-STABILIZED ROCKETS.
AD-452 186 19G U41 24 HC$ 2.00

ROCKET MOTORS, EXHAUST GASES
RADIATION FROM ROCKET EXHAUST PLUMES.
AD-641 612 21B T66 24 HC$ 2.00 MF$ 0.50

ROCKET NOZZLE
PRELIMINARY INVESTIGATION OF OFF-DESIGN PERFORMANCE OF DIVERGENT-EJECTOR-TYPE ROCKET NOZZLES.
N66-33346 21H S04 19 HC$ 2.00 MF$ 0.50

EXPERIMENTAL ROCKET PERFORMANCE OF APOLLO STORABLE PROPELLANTS IN ENGINES WITH LARGE AREA RATIO NOZZLES.
N66-33454 21I S04 19 HC$ 2.00 MF$ 0.50

TRANSPIRATION AND FILM COOLING OF LIQUID ROCKET NOZZLES.
N66-38728 20H S04 23 HC$ 3.00 MF$ 0.75

ROCKET PHOTOGRAPHY
SPACE PHOTOGRAPHY FOR THE GEOGRAPHICAL STUDY OF THE EARTH.
N66-33765 8B S04 19 HC$ 2.00 MF$ 0.50

ROCKET PROPULSION, CHINA
COMMUNIST CHINESE ROCKET PROPULSION TECHNOLOGY COMPILATION OF ABSTRACTS.
AD-641 892 21H T66 24 HC$ 2.00 MF$ 0.50

ROCKET SOUNDING
FEASIBILITY STUDY FOR AN X-RAY BACKSCATTER FREE AIR DENSITY SENSOR.
N66-38688 14B S04 23 HC$ 3.00 MF$ 1.00

ROCKET TEST STATION
VARIABLE DYNAMIC FORCE VECTOR ROCKET TEST APPARATUS.
N66-33424 14B S04 19 HC$ 1.00 MF$ 0.50

ROCKET TRAJECTORIES, CIRCULAR ORBIT TRAJECTORIES
NONLINEAR FEEDBACK SOLUTION FOR MINIMUM-TIME INJECTION INTO CIRCULAR ORBIT WITH CONSTANT THRUST ACCELERATION MAGNITUDE.
AD-641 484 22C T66 24 HC$ 1.00 MF$ 0.50

ROCKET VEHICLE
DYNAMIC STABILITY OF A UNIFORM FREE-FREE BEAM UNDER A GIMBALED THRUST OF PERIODICALLY VARYING MAGNITUDE.
N66-32786 20H S04 19 HC$ 2.50 MF$ 0.75

DEVELOPMENT OF A FAST RESPONSE TEMPERATURE GAGE FOR ROCKET VEHICLE PLUMBING SYSTEMS FINAL REPORT, 24 JUN. 1964 - 24 JUN. 1965.
N66-37905 14B S04 23 HC$ 3.00 MF$ 0.75

ROCK(GEOLOGY), EXPLOSION EFFECTS
CLOSE-IN EFFECTS OF NUCLEAR EXPLOSIONS. PART II. ANALYSIS OF GROUND SHOCK FROM NUCLEAR SURFACE BURSTS ON ROCK.
AD-641 311 8M T66 24 HC$ 4.00 MF$ 0.75

ROLLING CONTACT BEARING
BRAYTON-CYCLE TURBOMACHINERY ROLLING-ELEMENT BEARING SYSTEM FOURTH QUARTERLY REPORT, 2 APR. - 2 JUL. 1966.
N66-38491 13I S04 23 HC$ 2.00 MF$ 0.50

ROLLING(METALLURGY), SANDWICH PANELS
DEVELOPMENT OF PRACTICE FOR COMPOSITE ROLLING OF STRUCTURAL METAL PANELS.
AD-641 408 13H T66 24 HC$ 3.00 MF$ 0.75

ROTATION
MOTION OF A RIGID BODY UNDER THE EFFECT OF ROTATION OF AN INTERNAL FLYWHEEL.
N66-33697 20D S04 19 HC$ 1.00 MF$ 0.50

ROTOR SYSTEM
ANALYZATION, DESIGN, FABRICATION, AND TESTING OF A FOIL BEARING ROTOR SUPPORT SYSTEM FINAL TECHNICAL REPORT.
N66-32962 13I S04 19 HC$ 4.00 MF$ 0.75

RUBIDIUM COMPOUNDS, COLOR CENTERS
OPTICAL ABSORPTION AND PHOTOCONDUCTIVITY IN THE K BAND OF SOME COLORED ALKALI HALIDES.
AD-641 771 20L T66 24

RUBY LASER
A NEW CLASS OF TRAPPED LIGHT FILAMENTS.
N66-33863 20E S04 19 HC$ 1.00 MF$ 0.50

RUNGE-KUTTA INTEGRATION
EXPLICIT RUNGE- KUTTA INTEGRATION.
N66-33537 12A S04 19 HC$ 1.00 MF$ 0.50

RUNWAY CONDITION
PROBLEMS ASSOCIATED WITH THE PRESENCE OF WATER, SLUSH, SNOW AND ICE ON RUNWAYS.
N66-33489 1B S04 19 HC$ 2.50 MF$ 0.75

SAFETY FACTOR
FLIGHT SIMULATED OFF-THE-PAD ESCAPE AND LANDING MANEUVERS FOR A VERTICALLY LAUNCHED HYPERSONIC GLIDER.
N66-33330 1B S04 19 HC$ 2.00 MF$ 0.50

SAFETY VALVES, BALLONS
DISCLOSURES ON A TRANSROTOR ENGINE, HIGH TEMPERATURE PLATINUM RESISTANCE THERMOMETER, DYNAMIC ANALOG CORRELATION SYSTEM, AND COMBINATION METERING AND SAFETY VALVE FOR FILLING SONDE BALLONS WITH HYDROGEN.
NBS-TN-295 14B U41 24 HC$ 0.25 MF$ 0.50

SAFETY, RELIABILITY
SAFETY MARGINS AND ULTIMATE RELIABILITY.
AD-641 495 14D T66 24 HC$ 1.60 MF$ 0.50

SAMPLED DATA SYSTEM
MINIMUM ENERGY TIME-OPTIMAL CONTROL FOR SATURATING SAMPLED-DATA SYSTEMS.
N66-32704 9C S04 19 HC$ 1.00 MF$ 0.50

ASYMPTOTIC STABILITY OF SAMPLED NONLINEAR SYSTEMS WITH VARIABLE SAMPLING PERIODS -- A BIONIC APPLICATION DISCUSSION.
N66-33438 12A S04 19 HC$ 1.00 MF$ 0.50

SAMPLING
CHAIN SAMPLING INSPECTION PLANS - CHSP-0.4 AND CHSP-1, 4 TECHNICAL REPORT NO. N-24.
N66-37927 12A S04 23 HC$ 1.00 MF$ 0.50

TEN-BIT ANALOG-TO-DIGITAL CONVERTER.
N66-38416 9C S04 23 HC$ 1.00 MF$ 0.50

SAMPLING DEVICE
STUDY OF CONTAMINATION SENSORS, VOLUME II - FINAL TECHNICAL REPORT.
N66-37943 14B S04 23 HC$ 7.00 MF$ 2.00

STUDY OF CONTAMINATION SENSORS, VOLUME I - EXECUTIVE SUMMARY REPORT.
N66-37944 14B S04 23 HC$ 2.00 MF$ 0.50

SANDSTONE
ALTERNATING FIELD DEMAGNETIZATION STUDY ON LOWER SINIAN SANDSTONES IN XIUNING HSIUNING DISTRICT, ANHUI ANHWEI PROVINCE.
N66-39177 8E S04 23 HC$ 1.00 MF$ 0.50

SANDWICH CONSTRUCTION
VIBRATIONAL CHARACTERISTICS OF SANDWICH PANELS IN A REDUCED-PRESSURE ENVIRONMENT.
N66-33456 20K S04 19 HC$ 1.00 MF$ 0.50

SANDWICH PANELS, ROLLING(METALLURGY)
DEVELOPMENT OF PRACTICE FOR COMPOSITE ROLLING OF STRUCTURAL METAL PANELS.
AD-641 408 13H T66 24 HC$ 3.00 MF$ 0.75

SANDWICH PANELS, STRESSES
STRESSES INDUCED IN A SANDWICH PANEL BY LOAD APPLIED AT AN INSERT.
AD-61 585 13M U41 24 HC$ 2.00

SAND, CONCRETE
THE INFLUENCE OF NATURAL SAND FINE AGGREGATE ON SOME OF THE PROPERTIES OF HARDENED CONCRETE MORTAR.
PB-173 488 11B U41 24 HC$ 3.00 MF$ 0.75

SANITATION
DETERMINATION OF THE INDIGENOUS MICROFLORA OF MEN IN CONTROLLED ENVIRONMENTS FINAL REPORT, JUL. 1964 - NOV. 1965.
N66-38192 6M S04 23 HC$ 7.00 MF$ 2.00

SATELLITE
INSTRUMENTS AND SPACECRAFT, OCTOBER 1957 - MARCH 1965 SPACE MEASUREMENTS SURVEY.
N66-33075 22B S04 19 HC$ 6.00 MF$ 4.75

SATELLITE SITUATION REPORT, VOLUME 6, NO. 14.
N66-33864 22C S04 19 HC$ 2.00 MF$ 0.50

ANALYTIC AND COMPUTER STUDIES OF ELECTRON COLLECTION BY A SPHERICAL SATELLITE IN THE EARTH S MAGNETIC FIELD.
N66-38802 4A S04 23 HC$ 2.50 MF$ 0.75

SATELLITE CONFIGURATION
RESEARCH RELATED TO AN EXPERIMENTAL TEST OF GENERAL RELATIVITY SEMIANNUAL STATUS REPORT, 1 JAN. - 30 JUN. 1966.
N66-34067 20J S04 19 HC$ 2.00 MF$ 0.50

SATELLITE INSTRUMENTATION
AN ELECTRIC FIELD METER FOR ROCKET AND SATELLITE USE.
N66-37998 4A S04 23 HC$ 4.00 MF$ 0.75

SATELLITE MEASUREMENT
IONOSPHERIC RESEARCH USING SATELLITES ANNUAL SUMMARY REPORT.
N66-33523 4A S04 19 HC$ 3.00 MF$ 0.50

SATELLITE ORBIT
ORBITAL PREDICTION AND DIFFERENTIAL CORRECTION USING VINTI S SPHEROIDAL THEORY FOR ARTIFICIAL SATELLITES.
N66-33583 22C S04 19 HC$ 3.00 MF$ 0.75

THE DRIFT OF AN INCLINED-ORBIT 24-HOUR SATELLITE IN AN EARTH GRAVITY FIELD THROUGH FOURTH ORDER.
N66-33968 22C S04 19 HC$ 2.50 MF$ 0.75

SATELLITE PERTURBATION
ANALYSIS OF LUNAR AND SOLAR EFFECTS ON THE MOTION OF CLOSE EARTH SATELLITES.
N66-32945 22A S04 19 HC$ 2.50 MF$ 0.75

SATELLITE PHOTOGRAPHY
SPACE PHOTOGRAPHY FOR THE GEOGRAPHICAL STUDY OF THE EARTH.
N66-33745 8B S04 19 HC$ 2.00 MF$ 0.50

SATELLITE TRACKING AND DATA ACQUISITION NETWORK P
RADIO WAVE PROPAGATION AND SATELLITE TRACKING ANNUAL SPECIAL REPORT, 1964-1965.
N66-33037 20N S04 19 HC$ 1.00 MF$ 0.50

SATURATION
DETERMINATION OF THE SATURATED VAPOR PRESSURE OF NIOBIUM DIOXIDE.
N66-33679 20M S04 19 HC$ 1.00 MF$ 0.50

SATURN I (SA-10) LAUNCH VEHICLE
RANGE SAFETY DATA FOR SATURN SA-10.
N66-32794 22D S04 19 HC$ 2.50 MF$ 0.75

SATURN IB LAUNCH VEHICLE
SUPERSONIC AERODYNAMIC CHARACTERISTICS OF A SATURN IB LAUNCH VEHICLE MODEL WITH THIRD-STAGE MODIFICATIONS.
N66-33486 1A S04 19 HC$ 1.00 MF$ 0.50

SATURN LAUNCH VEHICLE
HISTORY OF THE GEORGE C. MARSHALL SPACE FLIGHT CENTER, JULY 1 THROUGH DECEMBER 31, 1964, VOLUME ONE NINTH SEMIANNUAL HISTORY.
N66-38017 14B S04 23 HC$ 6.00 MF$ 1.50

SATURN S- IV STAGE
RANGE SAFETY DATA FOR SATURN SA-10.
N66-32794 22D S04 19 HC$ 2.50 MF$ 0.75

SATURN V LAUNCH VEHICLE
NAVIGATOR STUDY OF ELECTRIC PROPULSION FOR UNMANNED SCIENTIFIC MISSIONS. CONSTANT POWER MISSION ANALYSIS.
N66-33463 21C S04 19 HC$ 2.00 MF$ 0.50

SCALE HEIGHT
ELECTRON DENSITIES AND SCALE HEIGHTS IN THE TOPSIDE IONOSPHERE - ALOUETTE I OBSERVATIONS OVER THE AMERICAN CONTINENTS. VOLUME I - NOVEMBER 1962 - JANUARY 1963.
N66-33197 4A S04 19 HC$ 5.50 MF$ 2.50

SCALE MODEL
TRANSONIC FLUTTER INVESTIGATION OF MODELS OF PROPOSED HORIZONTAL TAILS FOR THE X-15 AIRPLANE.
N66-33328 1A S04 19 HC$ 2.00 MF$ 0.50

TRANSONIC FLUTTER INVESTIGATION OF MODELS OF THE X-15 AIRPLANE HORIZONTAL TAIL.
N66-33329 1A S04 19 HC$ 2.00 MF$ 0.50

SCANDIUM
PHASE DIAGRAM AND PROPERTIES OF ALLOYS OF THE ALUMINUM-SCANDIUM SYSTEM.
N66-33687 11F S04 19 HC$ 1.00 MF$ 0.50

SCANNING
DEVELOPMENT OF A RING BEAM WHEEL SURFACE WAVE SEARCH UNIT

FINAL REPORT.
N66-38744 13H S04 23 HC$ 3.00 MF$ 0.75

SCANNING DEVICE
RADIO ASTRONOMY SIGNAL SPECTRUM ANALYSER.
N66-33396 9F S04 19 HC$ 2.00 MF$ 0.50

DESIGN OF AN AUTOMATED STELLAR PROPER MOTION MEASURING SYSTEM, 1 JULY 1965 - 30 JUNE 1966.
N66-33309 3A S04 19 HC$ 4.00 MF$ 1.00

A NEW FOUR-CHANNEL SCANNING SPECTROMETER FOR BALLISTIC-RANGE RADIOMETRY.
N66-37640 20F S04 23 HC$ 1.00 MF$ 0.50

OVERLAY COPY TECHNIQUE TO PROVIDE HIGH-CONTRAST ELECTRON MICROGRAPHS FOR AUTOMATIC METALLOGRAPHIC ANALYSIS.
N66-37681 14B S04 23 HC$ 1.00 MF$ 0.50

SCANNING, IONIZATION TRAILS
TABLE DE DEPOUILLEMENT BIP 101 POUR CLICHES DE CHAMBRES A BULLES (SCANNING TABLE BIP 101 FOR BUBBLE CHAMBER PICTURES).
PB-173 307 14B U41 24 HC$ 1.00 MF$ 0.50

SCATTERING
USE OF ORBITAL RADARS FOR GEOSCIENCE INVESTIGATIONS.
N66-32758 8B S04 19 HC$ 2.00 MF$ 0.50

CLASSICAL AND QUANTAL SCATTERING. I - THE CLASSICAL ACTION.
N66-33175 20H S04 19 HC$ 1.00 MF$ 0.50

SCATTERING COEFFICIENT
SCATTERING OF ENERGETIC PARTICLES BY LABORATORY PLASMAS.
N66-34076 20I S04 19 HC$ 2.00 MF$ 0.50

SCATTERING CROSS SECTION
HIGHER-ORDER STATIONARY PHASE APPROXIMATIONS IN SEMICLASSICAL SCATTERING.
N66-33384 20H S04 19 HC$ 2.00 MF$ 0.50

SCATTERING, THEORY
SOLID STATE SCATTERING THEORY.
AD-641 635 20L T66 24

SCHLIEREN PHOTOGRAPHY
MIXING AND HEAT TRANSFER OF AN ARGON ARCJET WITH A COAXIAL FLOW OF COLD HELIUM FINAL REPORT.
N66-37643 21C S04 23 HC$ 3.00 MF$ 0.75

SCIENCE (GEN)
SCIENCE AND THE PROBLEMS OF DEVELOPMENT.
N66-33134 5C S04 19 HC$ 1.00 MF$ 0.50

UNCLASSIFIED INFORMATION LIST, 12-16 SEPTEMBER 1966.
N66-38726 5B S04 23 HC$ 1.00 MF$ 0.50

SCIENTIFIC PERSONNEL, PERFORMANCE(HUMAN)
ORGANIZATIONAL FACTORS IN SCIENTIFIC PERFORMANCE IN AN INDUSTRIAL RESEARCH LABORATORY.
AD-641 423 5A T66 24 HC$ 6.00 MF$ 1.25

SCIENTIFIC RESEARCH, AMMUNITION PROPELLANTS
SOLID PROPELLANTS FOR SMALL ARMS AMMUNITION A REVIEW AND RECOMMENDED RESEARCH.
AD-451 179 19F U41 24 HC$ 5.60

SCIENTIFIC RESEARCH, MATERIALS
MATERIALS SCIENCES PROGRAM.
AD-641 405 5A T66 24 HC$ 5.00 MF$ 1.00

SCIENTIFIC RESEARCH, REPORTS
FOREIGN SCIENCE BULLETIN, VOL. 2, NO. 10.
AD-641 339 5A T66 24 HC$ 3.00 MF$ 0.75

SCIENTIFIC RESEARCH, RESEARCH PROGRAM ADMINISTRATION
THE SCIENTIFIC FOUNDATIONS OF SCIENCE POLICY.
PB-173 476 5A U41 24 HC$ 1.60 MF$ 0.50

SCIENTIFIC RESEARCH, TIRES
A STUDY OF TIRE-SURFACE INTERACTION FOR THE CASE OF ROLLING ON A WET SURFACE.
PB-173 454 11J U41 24 HC$ 3.00 MF$ 0.75

SCIENTIFIC SATELLITE
TELEMETRY PROCESSING FOR NASA SCIENTIFIC SATELLITES.
N66-33013 9F S04 19 HC$ 1.00 MF$ 0.50

SCIENTIFIC SATELLITES, MANNED
NEEDS FOR ENVIRONMENTAL SATELLITES.
PB-173 486 22B U41 24 HC$ 4.00 MF$ 0.75

SCINTILLATOR
EFFICIENCY OF ORGANIC SCINTILLATORS FOR FAST NEUTRONS.
N66-33434 18K S04 19 HC$ 3.00 MF$ 0.75

SEALING
ANALYSIS OF THE VISCO SEAL. PART II - THE CONCENTRIC TURBULENT CASE.
N66-32803 13K S04 19 HC$ 2.50 MF$ 0.75

SEARCH RADAR, DETECTION
ON THE PROBLEM OF DETERMINING THE POSITION ON A TARGET WITH CONSTANT SIGNAL IN THE PRESENCE OF CIRCUIT NOISE OR CHAFF.
AD-101 872 17I U41 24 HC$ 2.60

SEASONAL VARIATION
ATMOSPHERIC TRACKING ERRORS AT S-BAND AND C-BAND FREQUENCIES.
N66-32942 17B S04 19 HC$ 2.00 MF$ 0.50

SEAT
VIBRATIONS OF TRACTOR DRIVER.
N66-33138 5E S04 19 HC$ 4.00 MF$ 1.00

SECONDARY EMISSION
FEASIBILITY STUDY OF SECONDARY EMISSION ELECTRON MICROSCOPY FOR EXAMINING MATERIALS CONTAINING DISPERSED OXIDE PARTICLES.
N66-37678 13H S04 23 HC$ 2.00 MF$ 0.50

SECONDARY FLOW
A THEORETICAL AND EXPERIMENTAL INVESTIGATION OF SECONDARY JETS IN A MACH 6 FREE STREAM WITH EMPHASIS ON THE STRUCTURE OF THE JET AND SEPARATION AHEAD OF THE JET.
N66-32721 20D S04 19 HC$ 2.00 MF$ 0.50

SECONDARY INJECTION
A STUDY OF SECONDARY INJECTION OF GASES INTO A SUPERSONIC FLOW.
N66-32724 20D S04 19 HC$ 2.50 MF$ 0.75

SEDIMENTATION, SOUND TRANSMISSION
SPEED OF SOUND IN UNCONSOLIDATED SEDIMENTS OF BOSTON HARBOR, MASSACHUSETTS.
AD-641 392 20A T66 24 HC$ 3.00 MF$ 0.75

SEISMIC WAVE
SEISMIC WAVE PROPAGATION IN LAYERED MEDIA. PART I SCIENTIFIC REPORT.
N66-33522 8K S04 19 HC$ 1.00 MF$ 0.50

SEISMIC WAVES, NUCLEAR EXPLOSIONS
EXCITATION OF SURFACE WAVES BY THE UNDERGROUND NUCLEAR EXPLOSION LONG SHOT.
AD-642 002 8K T66 24

SEISMIC WAVES, SPECTROSCOPY
INVESTIGATIONS ON THE NONELASTIC BEHAVIOR OF THE UPPER MANTEL.
AD-641 312 8K T66 24 HC$ 3.00 MF$ 0.75

SEISMOGRAPHS, ANALYSIS
ESTIMATION OF THE DEPTH OF FOCUS OF THE MAY 19, 1963 ECUADOR EARTHQUAKE.
AD-641 366 8K T66 24 HC$ 3.00 MF$ 0.75

SEISMOLOGY
MULTICHANNEL Z-TRANSFORMS AND MINIMUM-DELAY SCIENTIFIC REPORT NO. 35.
N66-38296 8G S04 23 HC$ 3.00 MF$ 0.50

SEISMOLOGY, BIBLIOGRAPHIES
VESIAC MONTHLY BULLETIN OF VELA UNIFORM RESEARCH PUBLICATIONS.
AD-641 906 8K T66 24 HC$ 1.00 MF$ 0.50

SEISMOLOGY, PERIODICALS
GEOSCIENCES AND TECHNOLOGY BULLETIN, VOLUME 1, NO. 1.
AD-641 717 17J T66 24 HC$ 2.00 MF$ 0.50

SELENIDES, SUPERCONDUCTIVITY
THE OCCURRENCE OF SUPERCONDUCTIVITY IN SULFIDES, SELENIDES, TELLURIDES OF PT-GROUP METALS.
AD-641 793 20C T66 24

SELENOLOGY
LUNAR DIFFERENTIATION PROCESSES.
N66-33169 3B S04 19 HC$ 1.00 MF$ 0.50

SEMANTICS, MEMORY
SEMANTIC MEMORY.
AD-641 671 6D T66 24 HC$ 6.00 MF$ 1.25

SEMICONDUCTOR
CONTRIBUTION TO THE THEORY OF THE ADSORPTION EFFECT AT THE SURFACE OF SEMICONDUCTORS AND GELS UNDER THE ACTION OF IONIZING RADIATION.
N66-33676 20L S04 19 HC$ 1.00 MF$ 0.50

ORGANIC SEMICONDUCTORS.
N66-33683 20L S04 19 HC$ 2.50 MF$ 0.75

AN EXPERIMENTAL INVESTIGATION OF RADIATION EFFECTS IN SEMICONDUCTORS SEMIANNUAL STATUS REPORT, 1 JAN. - 30 JUN. 1966.
N66-34068 20L S04 19 HC$ 1.00 MF$ 0.50

SEMICONDUCTOR DEVICE
MICROELECTRONICS RESEARCH ON SILICON-SILICON OXIDE STRUCTURES AND INTERFACES QUARTERLY REPORT NO. 2, 1 SEP. - 30 NOV. 1964.
N66-33170 9A S04 19 HC$ 4.00 MF$ 0.75

COMMUNICATION SATELLITE OUTPUT DEVICES.
N66-33181 17B S04 19 HC$ 2.00 MF$ 0.50

SEMICONDUCTOR DEVICES, DOSIMETERS
EVALUATION OF THE RESPONSE OF SILICON DIODE DOSIMETERS TO FAST NEUTRONS.
AD-641 559 18D T66 24 HC$ 2.00 MF$ 0.50

DEVELOPMENT OF A HIGH-INTENSITY SOLID-STATE GAMMA-RAY DOSIMETER SYSTEM.
AD-641 654 6R T66 24 HC$ 3.00 MF$ 0.75

FLUOR-PHOTODIODE GAMMA RAY DOSIMETER.
AD-641 913 18D T66 24 HC$ 4.00 MF$ 0.75

SEMICONDUCTOR DEVICES, FAILURE(ELECTRONICS)
METALLIZATION FAILURES IN SEMICONDUCTOR DEVICES.
AD-641 563 9A T66 24 HC$ 1.00 MF$ 0.50

SEMICONDUCTOR DEVICES, NEUTRON COUNTERS
SILICON DIODE FAST NEUTRON DOSIMETER, PHASE I, EVALUATION OF RESPONSE VERSUS STARTING MATERIAL.
AD-641 843 18D T66 24 HC$ 2.00 MF$ 0.50

SEMICONDUCTOR DEVICES, SOLID STATE PHYSICS
NEW SOLID-STATE DEVICE CONCEPTS.
AD-641 456 9A T66 24 HC$ 3.00 MF$ 0.50

SOLID STATE RESEARCH.
AD-641 498 20L T66 24 HC$ 3.00 MF$ 0.75

SEMICONDUCTORS, DIELECTRIC PROPERTIES
DIELECTRIC CONSTANT OF A SEMICONDUCTOR IN AN EXTERNAL ELECTRIC FIELD.
AD-641 634 20L T66 24

SEMICONDUCTORS, ELECTRICAL PROPERTIES
INJECTION CAUSED P-N JUNCTION IN CDS.
AD-641 408 20L T66 24 HC$ 1.00 MF$ 0.50

SEMICONDUCTORS, ELECTRON CAPTURE
PHOTOEXCITED ELECTRON CAPTURE BY IONIZED AND NEUTRAL SHALLOW IMPURITIES IN SILICON AT LIQUID-HELIUM TEMPERATURES.
AD-641 547 20L T66 24

SEMICONDUCTORS, SILICON COMPOUNDS
THE DEPENDENCE OF THE DIFFUSIVITIES OF IMPURITIES IN SILICON ON BACKGROUND DOPING AND SURFACE CONCENTRATION.
AD-274 969 20L U41 24 HC$ 4.60

SENSITIVITY
TANGENTIAL SENSITIVITY OF TUNNEL DIODE VIDEO DETECTORS.
N66-33421 9A S04 19 HC$ 1.00 MF$ 0.50

SENSOR
STUDY TO DEVELOP THE EQUATIONS DESCRIBING THE CHARACTERISTICS OF RATE AND ATTITUDE SENSORS ASSOCIATED WITH SPACECRAFT CONTROL SYSTEMS.
N66-33492 17G S04 19 HC$ 3.25 MF$ 1.25

STUDY OF CONTAMINATION SENSORS, VOLUME II - FINAL TECHNICAL REPORT.
N66-37943 14B S04 23 HC$ 7.00 MF$ 2.00

STUDY OF CONTAMINATION SENSORS, VOLUME I - EXECUTIVE SUMMARY REPORT.
N66-37944 14B S04 23 HC$ 2.00 MF$ 0.50

SEPARATED FLOW
RECENT RESULTS IN THE STUDY OF PROBLEMS OF MIXING AND REATTACHMENT.
N66-33692 20D S04 19 HC$ 1.00 MF$ 0.50

SERIES EXPANSION
ON THE GENERAL PERTURBATIONS OF THE POSITION VECTORS OF A PLANETARY SYSTEM.
N66-33371 3A S04 19 HC$ 2.00 MF$ 0.50

SERIES, SET THEORY
U (EPSILON)-SETS FOR WALSH SERIES.
AD-641 860 12A T66 24

SERIES, THEOREMS
A THEOREM OF LITTLEWOOD AND LACUNARY SERIES FOR COMPACT GROUPS.
AD-641 466 12A T66 24

SERODIAGNOSIS, VENEZUELAN EQUINE ENCEPHALOMYELITIS VIRUS
HEMAGGLUTINATION-INHIBITION METHOD AND IMMUNOFLUORESCENCE STAINING WITH VENEZUELAN EQUINE ENCEPHALOMYELITIS VIRUS.
AD-641 937 6M T66 24

SERRATIA MARCESCENS, FREEZE DRYING
PRESERVATION OF SERRATIA MARCESCENS BY HIGH-VACUUM LYOPHILIZATION.
AD-641 942 6M T66 24

SERUM ALBUMIN, REACTION KINETICS
KINETICS AND MECHANISM OF ALBUMIN DENATURATION.
AD-642 001 6A T66 24

SERVOMECHANISM
DESIGN, FABRICATION AND TEST OF A FLUERIC SERVOVALVE
QUARTERLY REPORT, 28 DEC. 1965 - 28 MAR. 1966.
N66-33498 13K S04 19 HC$ 2.00 MF$ 0.50

SERVOMECHANISMS, NAVIGATION
AIRBORNE OMEGA RECEIVER.
AD-481 367 17B U41 24 HC$ 2.00 MF$ 0.50

SET THEORY
ON DIRECTED GRAPHS AND RELATED TOPOLOGICAL SPACES TECHNICAL REPORT NO. 2.
N66-33402 12A S04 19 HC$ 2.00 MF$ 0.50

SET THEORY, GAME THEORY
MINIMAL SEPARATING COLLECTIONS.
AD-641 469 12A T66 24 HC$ 1.00 MF$ 0.50

SET THEORY, MAPPING(TRANSFORMATIONS)
AN ELEMENTARY THEORY OF THE CATEGORY OF SETS.
AD-641 629 12A T66 24

SET THEORY, SERIES
U (EPSILON)-SETS FOR WALSH SERIES.
AD-641 860 12A T66 24

SHEAR STRAIN
EASY SLIDE IN MOLYBDENUM CRYSTALS.
N66-33404 11F S04 19 HC$ 1.00 MF$ 0.50

SHEET METAL
THE FABRICATION OF BERYLLIUM, VOLUME I - A SURVEY OF CURRENT TECHNOLOGY.
N66-33538 13H S04 19 HC$ 3.00 MF$ 1.00

SHELL
LONGITUDINAL AERODYNAMIC CHARACTERISTICS OF A TENSION SHELL ENTRY CONFIGURATION AT MACH 20.
N66-33492 1A S04 19 HC$ 2.00 MF$ 0.50

AERODYNAMIC CHARACTERISTICS OF TENSION SHELL SHAPES AT MACH 3.0.
N66-37677 1A S04 23 HC$ 2.00 MF$ 0.50

SHELL THEORY
THERMAL DISTORTIONS OF THIN-WALLED PARABOLOIDAL SHELLS.
N66-33970 20K S04 19 HC$ 2.00 MF$ 0.50

SHIELDING, PLASMA MEDIUM
THE DYNAMIC SHIELDING RESPONSE OF AN IRRADIATED PLASMA.
AD-641 899 20I T66 24 HC$ 9.60 MF$ 0.75

SHIELDING, PROGRAMMING(COMPUTERS)
MAGNA, A MULTI-SOURCE GAMMA SHIELDING PROGRAMME.
PB-173 478 18F U41 24 HC$ 3.00 MF$ 0.75

SHIELDING, SHIPS
A COMPUTER CODE FOR ESTIMATING THE PROTECTION OFFERED BY SHIPS AGAINST FALLOUT, BASE SURGE, OR WATER POOL RADIATION.
AD-641 664 13J T66 24 HC$ 2.00 MF$ 0.50

SHIPPING(MARINE), SIMULATION
SIMULATION ANALYSIS OF THE MARINE PORT-COMPLEX.
AD-641 700 15E T66 24 HC$ 3.00 MF$ 0.75

SHIPS, CONSTRUCTION
BIENNIAL REPORT OF THE SHIP STRUCTURE COMMITTEE.
AD-641 333 13J T66 24 HC$ 2.00 MF$ 0.50

SHIPS, ELECTRICAL EQUIPMENT
STUDY OF LARGE ELECTRICAL BUS BARS IN PROTECTED DUCTS FOR AN ADVANCED SHIP.
PB-173 247 9A U41 24 HC$ 3.00 MF$ 0.75

SHIPS, SHIELDING
A COMPUTER CODE FOR ESTIMATING THE PROTECTION OFFERED BY SHIPS AGAINST FALLOUT, BASE SURGE, OR WATER POOL RADIATION.
AD-641 664 13J T66 24 HC$ 2.00 MF$ 0.50

SHOCK TUBES, ELECTRONS
MEASUREMENTS OF A PRECURSOR ELECTRON FRONT.
AD-641 714 14B T66 24

SHOCK TUBES, GAS FLOW
FLOW MODES IN ELECTRIC SHOCK TUBES.
AD-641 715 20D T66 24

SHOCK TUNNEL
RADIATION MEASUREMENT TECHNIQUES.
N66-33771 14B S04 19 HC$ 2.00 MF$ 0.50

SHOCK WAVE
INVESTIGATION OF WALL SURFACE TEMPERATURE BEHIND A MOVING SHOCK WAVE.
N66-33678 20M S04 19 HC$ 1.00 MF$ 0.50

THEORY OF PULSE DISCHARGES IN A LIQUID MEDIUM.
N66-33780 20I S04 19 HC$ 1.00 MF$ 0.50

RESPONSE OF PANELS TO OSCILLATING SHOCK WAVES.
N66-38727 1A S04 23 HC$ 3.00 MF$ 0.75

COMPUTATION OF THE PRESSURE-TIME HISTORY OF A SONIC BOOM SHOCK WAVE ACTING ON A WINDOW GLASS IN A BUILDING.
N66-38754 20A S04 23 HC$ 2.50 MF$ 0.50

SHOCK WAVES, INTENSITY
THE DECAY OF SHOCK WAVES.
ATI-33 198 19D U41 24 HC$ 2.60

SHOCK WAVES, MATHEMATICAL ANALYSIS
NOTE ON THE DETERMINATION OF THE FORM OF AIR SHOCKS FROM THE DECAY CURVE.
AD-641 977 20D T66 24 HC$ 1.60 MF$ 0.50

SHOCK WAVES, NUCLEAR EXPLOSION DAMAGE
CLOSE-IN EFFECTS OF NUCLEAR EXPLOSIONS. PART II. ANALYSIS OF GROUND SHOCK FROM NUCLEAR SURFACE BURSTS ON ROCK.
AD-641 311 8H T66 24 HC$ 4.00 MF$ 0.75

SHOCK WAVES, TWO-DIMENSIONAL FLOW
RADIATION COUPLED WEDGE FLOWS.
AD-641 886 20D T66 24

SHOCK(MECHANICS), VEHICLES
ROAD SHOCK AND VIBRATION ENVIRONMENT FOR A SERIES OF WHEELED AND TRACK-LAYING VEHICLES.
AD-408 653 13F U41 24 HC$ 4.00

SHORT TAKE-OFF PLANES, ECONOMICS
TECHNICAL AND ECONOMIC EVALUATION OF AIRCRAFT FOR INTERCITY SHORT-HAUL TRANSPORTATION. VOLUME I.
AD-641 506 15E T66 24 HC$ 2.00 MF$ 0.50

TECHNICAL AND ECONOMIC EVALUATION OF AIRCRAFT FOR INTERCITY SHORT-HAUL TRANSPORTATION. VOLUME II.
AD-641 507 15E T66 24 HC$ 5.00 MF$ 1.00

TECHNICAL AND ECONOMIC EVALUATION OF AIRCRAFT FOR INTERCITY SHORT-HAUL TRANSPORTATION. VOLUME III.

AD-641 585 15E T66 24 HC$ 9.00 MF$ 1.00

SHROUD RINGS, AIRFOILS
THE INVERSE PROBLEM OF THE ANNULAR AIRFOIL AND DUCTED PROPELLER.
AD-641 337 13J T66 24 HC$ 3.00 MF$ 0.50

SHROUDED BODY
RADIATION OF AN ELEMENTARY CYLINDER ANTENNA THROUGHT A SLOTTED ENCLOSURE.
N66-33366 9F S04 19 HC$ 2.00 MF$ 0.50

SHROUDED PROPELLERS, PROPELLERS(MARINE)
THE INVERSE PROBLEM OF THE ANNULAR AIRFOIL AND DUCTED PROPELLER.
AD-641 337 13J T66 24 HC$ 3.00 MF$ 0.50

SHUNT
A DISTRIBUTED PARAMETERS MODEL FOR SOLAR CELLS.
N66-33403 19A S04 19 HC$ 1.00 MF$ 0.50

SHUTTERS(OPTICS), LASERS
BLEACHING MECHANISM OF ORGANIC PHOTOTROPIC SUBSTANCES USED IN RUBY LASERS AS SWITCHES.
AD-641 876 20E T66 24 HC$ 1.00 MF$ 0.50

SIGHT LINE
THE EFFECTS OF A GEMINI LEFT-HAND WINDOW ON EXPERIMENTS REQUIRING ACCURACY IN SIGHTING OR RESOLUTION.
N66-38142 20F S04 23 HC$ 2.00 MF$ 0.50

SIGNAL DETECTOR
TANGENTIAL SENSITIVITY OF TUNNEL DIODE VIDEO DETECTORS.
N66-33421 9A S04 19 HC$ 1.00 MF$ 0.50

SIGNAL GENERATORS, FREQUENCY MODULATION
DEVELOPMENT OF SIGNAL GENERATOR AN/URM-123 ( ).
AD-641 907 14B T66 24 HC$ 1.00 MF$ 0.50

SIGNAL GENERATORS, RADIOFREQUENCY GENERATORS
RF SIGNAL GENERATOR SET, AN/URM-25D (SG-85/URM-25D), AN/URM-25E (SG-111/URM-25E).
PB-173 508 9C U41 24 HC$ 1.00 MF$ 0.50

SIGNAL LIGHTS, ELECTRIC ARCS
IMPROVEMENT OF COMMUNICATION ARC LAMPS FOR VISIBLE AND INFRARED SIGNALLING EQUIPMENT.
AD-641 399 17B T66 24 HC$ 1.00 MF$ 0.50

SIGNAL LIGHTS, TRAFFIC
TRAFFIC SIGNAL SYNCHRONIZATION ON A ONE-WAY STREET.
AD-641 844 13B T66 24 HC$ 2.00 MF$ 0.50

SIGNAL PROCESSING
VEHICLE TRACKING RECEIVER DESIGN.
N66-39787 9F S04 23 HC$ 3.00 MF$ 0.75

SIGNATURE
SONIC-BOOM MEASUREMENTS DURING BOMBER TRAINING OPERATIONS IN THE CHICAGO AREA.
N66-38415 1C S04 23 HC$ 2.00 MF$ 0.50

SILANES, SYNTHESIS(CHEMISTRY)
RESEARCH ON SYNTHESIS AND CHARACTERIZATION OF HIGHLY ARYLATED ORGANOSILICON COMPOUNDS.
AD-641 414 7C T66 24 HC$ 3.00 MF$ 0.75

SILICATE
SOME COMMENTS ON THE THE COMPOSITION OF THE MARTIAN SURFACE BY R. A. VAN TASSEL AND J. W. SALISBURY.
N66-37812 3B S04 23 HC$ 1.00 MF$ 0.50

SILICATES, SINGLE CRYSTALS
SYNTHESIS AND OPTICAL PROPERTIES OF FORSTERITE.
AD-641 363 20L T66 24 HC$ 5.00 MF$ 1.00

SILICIDES, CATALYSIS
INVESTIGATION OF MECHANISMS FOR ELECTROCHEMICAL CATALYSIS.
AD-641 412 15B T66 24 HC$ 2.00 MF$ 0.50

SILICON
MICROELECTRONICS RESEARCH ON SILICON-SILICON OXIDE STRUCTURES AND INTERFACES QUARTERLY REPORT NO. 2, 1 SEP, - 30 NOV, 1964.
N66-33178 9A S04 19 HC$ 4.00 MF$ 0.75

RADIATION EFFECTS ON SILICON SIXTH QUARTERLY PROGRESS REPORT, APR. 1 - JUN. 30, 1966.
N66-33436 20L S04 19 HC$ 1.00 MF$ 0.50

SILICONE RESIN
EVALUATION OF SEVERAL SILICONE, PHENOLIC, AND EXPOXY BASE HEAT-SHIELD MATERIALS AT VARIOUS HEAT-TRANSFER RATES AND DYNAMIC PRESSURES.
N66-38139 11I S04 23 HC$ 2.50 MF$ 0.75

SILICON, DOPING
THE DEPENDENCE OF THE DIFFUSIVITIES OF IMPURITIES IN SILICON ON BACKGROUND DOPING AND SURFACE CONCENTRATION.
AD-274 989 20L U41 24 HC$ 4.00

SILICON, IMPURITIES
PHOTOEXCITED ELECTRON CAPTURE BY IONIZED AND NEUTRAL SHALLOW IMPURITIES IN SILICON AT LIQUID-HELIUM TEMPERATURES.
AD-641 547 20L T66 24

SILICON, OPTICAL PROPERTIES
POLARIZATION DEPENDENCE OF THE INDIRECT PIEZOABSORPTION COEFFICIENT IN GE AND SI.
AD-641 523 20L T66 24

SILT, STABILIZATION
STABILIZATION OF SILTY SOILS WITH PORTLAND CEMENT AND SODIUM SULFATE.
PB-173 489 13B U41 24 HC$ 2.00 MF$ 0.50

SILVER COMPOUND
STUDY OF THE PROPAGATION PROCESS OF A REACTION IN SOLID PHASES.
N66-33682 20L S04 19 HC$ 2.00 MF$ 0.50

SILVER COMPOUNDS, THERMODYNAMICS
PROPRIETES THERMODYNAMIQUES DU CHLORURE D ARGENT DANS LE MELANGE EUTECTIQUE FONDU KCL-LICL (THERMODYNAMIC PROPERTIES OF SILVER CHLORIDE IN THE MOLTEN KCL-LICL EUTECTIC),
PB-173 399 7D U41 24 HC$ 3.00 MF$ 0.75

SILVER-CADMIUM BATTERY
SPACE CELL TEST PROGRAM MONTHLY PROGRESS REPORT, 31 JUL. 1966.
N66-38788 10C S04 23 HC$ 5.00 MF$ 1.25

SILVER, NUCLEAR PROPERTIES
BAND STRUCTURE AND ELECTRON-ELECTRON INTERACTIONS IN COPPER AND SILVER-PHOTOEMISSION STUDIES.
AD-642 497 20H U41 24 HC$ 9.60

SIMULATION
VISUAL SIMULATION OF LUNAR ORBIT ESTABLISHMENT USING A SIMPLIFIED GUIDANCE TECHNIQUE.
N66-33448 17G S04 19 HC$ 2.00 MF$ 0.50

SIMULATION OF ORGANISMIC MORPHOLOGY AND BEHAVIOR BY SYNTHETIC POLY-ALPHA-AMINO ACIDS.
N66-37894 6A S04 23 HC$ 1.00 MF$ 0.50

A FEASIBILITY INVESTIGATION CONCERNING THE SIMULATION OF SONIC BOOM BY BALLISTIC MODELS.
N66-38421 1A S04 23 HC$ 2.50 MF$ 0.75

LUNAR SIMULATION MODEL AND OPTICAL STUDIES FOR LUNAR ORBITER SYSTEM SUPPORT.
N66-38493 14B S04 23 HC$ 2.50 MF$ 0.75

SIMULATOR
A STUDY OF MAN S PHYSICAL CAPABILITIES ON THE MOON. VOLUME I, PART 1 - LUNAR GRAVITY SIMULATION FACILITY.
N66-38494 14B S04 23 HC$ 2.00 MF$ 0.50

SINGLE CRYSTAL
THE EFFECTS OF DEFORMATION ON THE ELECTRICAL RESISTIVITY OF MOLYBDENUM SINGLE CRYSTALS.
N66-33485 11F S04 19 HC$ 2.00 MF$ 0.50

INFRARED QUENCHING OF THE PHOTOVOLTAIC EFFECT IN CADMIUM SULFIDE.
N66-33685 20L S04 19 HC$ 1.00 MF$ 0.50

INVESTIGATIONS OF EFFECT OF INTERSTITIAL IMPURITIES ON THE STRUCTURE AND PROPERTIES OF TUNGSTEN SINGLE CRYSTALS.
N66-33722 11F S04 19 HC$ 1.00 MF$ 0.50

SINGLE CRYSTALS, PREPARATION
PREPARATION AND CHARACTERIZATION OF ULTRA-PURE SOLIDS.
AD-641 958 20L T66 24 HC$ 3.00 MF$ 0.75

SINGULARITY (MATH)
ON SOLUTION STRUCTURE OF THE RADIAL HEAT PROBLEM WITH SINGULAR DATA.
N66-34073 20M S04 19 HC$ 1.00 MF$ 0.50

SKIN FRICTION DRAG
EFFECTS OF PERIODIC BLOWING THROUGH FLUSH TRANSVERSE SLOTS ON TURBULENT BOUNDARY LAYER SKIN FRICTION.
N66-38804 1A S04 23 HC$ 2.50 MF$ 0.75

SKIN TEMPERATURE
INVESTIGATION OF LITHIUM HYDRIDE AND MAGNESIUM AS HIGH-TEMPERATURE INTERNAL COOLANTS WITH SEVERAL SKIN MATERIALS.
N66-33335 20M S04 19 HC$ 1.00 MF$ 0.50

RESEARCH ON A SELF-TEMPERATURE REGULATING SPACECRAFT SKIN SYSTEM PROGRESS REPORT, DEC. 1, 1965 - MAY 31, 1966.
N66-34070 22B S04 19 HC$ 2.00 MF$ 0.50

SKY BRIGHTNESS, AURORAE
AURORA AND AIRGLOW, ADVANCED STUDY INSTITUTE, KEELE (ENGLAND), AUGUST 15-26, 1966.
AD-641 422 4A T66 24 HC$ 2.00 MF$ 0.50

SLEEP, BLOOD PRESSURE
INTRA-ARTERIAL BLOOD PRESSURE RECORDING IN THE UNRESTRAINED CHICK DURING WAKEFULNESS AND SLEEP.
AD-641 373 6P T66 24

SLEEP, ELECTROENCEPHALOGRAPHY
THE FIRST NIGHT EFFECT AN EEG STUDY OF SLEEP.
AD-641 524 6P T66 24

SLEEP, PSYCHOSES
THE SLEEP OF DEPRESSED PATIENTS.
AD-641 525 6P T66 24

SLEEP, PULSE RATE
THE EVOKED HEART RATE RESPONSE DURING SLEEP.
AD-641 515 6P T66 24

SLIDING FRICTION
FRICTION AND WEAR BEHAVIOR OF SLIDING BEARING MATERIALS IN SODIUM ENVIRONMENTS AT TEMPERATURES UP TO 600 DEG C.
N66-37936 20K S04 23 HC$ 2.00 MF$ 0.50

SLIP
HEAT TRANSFER IN THE NEIGHBORHOOD OF THE BLUNT LEADING EDGE OF A CYLINDRICAL WING DURING SLIP.
N66-33693 1A S04 19 HC$ 1.00 MF$ 0.50

SLOSHING
FUEL SLOSHING STUDIES QUARTERLY PROGRESS REPORT NO. 15, 1 OCT. - 31 DEC. 1965.
N66-34071 20D S04 19 HC$ 1.00 MF$ 0.50

SLOT
EFFECTS OF PERIODIC BLOWING THROUGH FLUSH TRANSVERSE SLOTS ON TURBULENT BOUNDARY LAYER SKIN FRICTION.
N66-38804 1A S04 23 HC$ 2.50 MF$ 0.75

SLOT ANTENNAS, ANTENNA ARRAYS
DIRECTIVITY OF AN ARRAY OF SLOTS ON THE SURFACE OF A CYLINDER.
AD-641 959 9E T66 24 HC$ 2.00 MF$ 0.50

SLOTTED ANTENNA
RADIATION OF AN ELEMENTARY CYLINDER ANTENNA THROUGHT A SLOTTED ENCLOSURE.
N66-33366 9F S04 19 HC$ 2.00 MF$ 0.50

SMALL ARMS AMMUNITION, AMMUNITION PROPELLANTS
SOLID PROPELLANTS FOR SMALL ARMS AMMUNITION A REVIEW AND RECOMMENDED RESEARCH.
AD-451 179 19F U41 24 HC$ 5.60

SMOKES, DISTRESS SIGNALS
DEVELOPMENT OF MINIATURE SMOKE SIGNAL PACKAGE FOR INCLUSION IN SURVIVAL KITS.
AD-641 895 6G T66 24 HC$ 2.00 MF$ 0.50

SNAP- 8
ANALYSIS OF CONDENSING PRESSURE CONTROL FOR SNAP-8 SYSTEM.
N66-37683 18N S04 23 HC$ 1.00 MF$ 0.50

SNOW
PROBLEMS ASSOCIATED WITH THE PRESENCE OF WATER, SLUSH, SNOW AND ICE ON RUNWAYS.
N66-33489 1B S04 19 HC$ 2.50 MF$ 0.75

SNOW, HARDNESS
REEVALUATION OF THE RAMMSONDE HARDNESS EQUATION.
AD-641 482 8L T66 24 HC$ 1.00 MF$ 0.50

SOCIAL PSYCHOLOGY, ATTITUDES
EFFECT OF ATTITUDE ON JUDGMENTS OF PLAUSIBILITY.
AD-641 558 9J T66 24

SOCIOLOGY
ON LARGE MODELS OF SYSTEMS.
N66-34069 5K S04 19 HC$ 1.00 MF$ 0.50

SODIUM
CHANGES IN APPETITE FOR WATER, GLUCOSE, SODIUM, AND POTASSIUM IN RATS WHEN THE SODIUM PUMP IS INHIBITED BY STROPHANTHIN- K.
N66-33764 6C S04 19 HC$ 1.00 MF$ 0.50

FRICTION AND WEAR BEHAVIOR OF SLIDING BEARING MATERIALS IN SODIUM ENVIRONMENTS AT TEMPERATURES UP TO 600 DEG C.
N66-37936 20K S04 23 HC$ 2.00 MF$ 0.50

POTASSIUM CORROSION TEST LOOP DEVELOPMENT - PURIFICATION, ANALYSIS AND HANDLING OF SODIUM AND POTASSIUM TOPICAL REPORT NO. 4.
N66-38725 14B S04 23 HC$ 5.00 MF$ 1.25

SODIUM COMPOUNDS, ELASTICITY
THE ELASTIC CONSTANTS OF SOME ALKALI HALIDES AS A FUNCTION OF TEMPERATURE AND COMPOSITION.
AD-641 653 20K T66 24 HC$ 5.00 MF$ 1.25

SOFT LANDING
THE FIRST PANORAMIC VIEWS OF THE LUNAR SURFACE.
N66-38486 22A S04 23 HC$ 3.00 MF$ 1.00

SOIL MECHANICS, BIBLIOGRAPHIES
BIBLIOGRAPHY ON EARTH MOVEMENT.
AD-641 716 8M T66 24 HC$ 6.00 MF$ 1.25

SOIL MECHANICS, ROAD BUILDING EQUIPMENT
NUCLEAR MOISTURE-DENSITY EVALUATION, PART II.
PB-173 421 13B U41 24 HC$ 2.00 MF$ 0.50

THE EFFECT OF HEIGHT OF HIGHWAY FILLS ON THE DESIGN OF CULVERTS. PHASE I. PRESSURE GAGE.
PB-173 490 13B U41 24 HC$ 4.00 MF$ 1.00

SOILS, DATA PROCESSING SYSTEMS
INVESTIGATION OF ENERGY AND MASS TRANSFERS NEAR THE GROUND INCLUDING THE INFLUENCES OF THE SOIL-PLANT-ATMOSPHERE SYSTEM.
AD-260 695 2C U41 24 HC$ 17.10

SOILS, MAPPING
AIRPHOTO INTERPRETATION OF ENGINEERING SOILS OF ALLEN COUNTY, INDIANA.
PB-173 494 8B U41 24 HC$ 2.00 MF$ 0.50

COUNTY ENGINEERING SOILS MAPS.
PB-173 498 8B U41 24 HC$ 1.10 MF$ 0.50

SOILS, STABILIZATION
STABILIZATION OF SILTY SOILS WITH PORTLAND CEMENT AND SODIUM SULFATE.
PB-173 489 13B U41 24 HC$ 2.00 MF$ 0.50

SOILS, TENSILE PROPERTIES
SPLIT-TENSILE STRENGTH OF LIME-STABILIZED SOILS.
PB-173 497 8M U41 24 HC$ 1.00 MF$ 0.50

SOILS, TEST EQUIPMENT
CORRELATION AND CONFERENCE OF PORTABLE NUCLEAR DENSITY AND MOISTURE SYSTEMS.
PB-173 496 8M U41 24 HC$ 3.00 MF$ 0.75

SOLAR ACTIVITY
SOLAR ACTIVITY CATALOGUE. VOLUME I - CATALOGUE OF SOLAR ACTIVITY DURING 1954 - 1956.
N66-33431 4A S04 19 HC$ 5.00 MF$ 1.25

SOLAR CELL
A DISTRIBUTED PARAMETERS MODEL FOR SOLAR CELLS.
N66-33483 10A S04 19 HC$ 1.00 MF$ 0.50

RADIATION EFFECTS ON SILICON SIXTH QUARTERLY PROGRESS REPORT, APR. 1 - JUN. 30, 1966.
N66-33436 20L S04 19 HC$ 1.00 MF$ 0.50

THERMAL CYCLING OF THIN-FILM CADMIUM SULFIDE SOLAR CELLS.
N66-37674 10A S04 23 HC$ 1.00 MF$ 0.50

SOLAR EFFECT
ANALYSIS OF LUNAR AND SOLAR EFFECTS ON THE MOTION OF CLOSE EARTH SATELLITES.
N66-32945 22A S04 19 HC$ 2.50 MF$ 0.75

SOLAR FLARE
GEOMAGNETIC AND GEOELECTRIC OBSERVATIONS, 1964 (RAPID VARIATIONS).
N66-33118 3B S04 19 HC$ 4.00 MF$ 1.00

SOLAR FLARE HAZARD TO EARTH-ORBITING VEHICLES FINAL REPORT.
N66-38758 20M S04 23 HC$ 2.00 MF$ 0.50

SOLAR PROBE
SOLAR PROBE STUDY. BOOK A, APPENDIX 2 - MISSION ANALYSIS.
N66-32785 22B S04 19 HC$ 3.00 MF$ 0.75

SOLAR RADIATION, ARIZONA
THE YUMA TEST STATION, ARIZONA, HOURLY AND DAILY INSOLATION RECORD 1951 - 1962.
AD-462 122 4A U41 24 HC$ 5.60

SOLAR RADIATION, SPECTRA(VISIBLE + ULTRAVIOLET)
IDENTIFICATIONS OF SOLAR ULTRAVIOLET LINES RESULTING FROM A STUDY OF THE AR I AND K I ISOELECTRONIC SEQUENCES.
AD-641 444 3B T66 24

SOLAR SIMULATION
RESEARCH ON A SELF-TEMPERATURE REGULATING SPACECRAFT SKIN SYSTEM PROGRESS REPORT, DEC. 1, 1965 - MAY 31, 1966.
N66-34078 22B S04 19 HC$ 2.00 MF$ 0.50

PROCEEDINGS OF SECOND CONFERENCE ON SOLAR SIMULATION RESEARCH.
N66-37826 14B S04 23 HC$ 6.00 MF$ 1.50

SOLAR SYSTEM
STUDIES OF THE SOLAR SYSTEM AND PROBABLE LUNAR ABUNDANCES OF ELEMENTS OF GEOCHEMICAL AND METALLURGICAL SIGNIFICANCE STATUS REPORT.
N66-38709 3B S04 23 HC$ 2.00 MF$ 0.50

SOLAR SYSTEMS, MAGNETIC FIELDS
MOVIE OF THE INTERPLANETARY MAGNETIC FIELD.
AD-641 972 3B T66 24 HC$ 1.00 MF$ 0.50

SOLAR WIND
WAVE-PARTICLE INTERACTIONS IN THE SOLAR WIND.
N66-33389 20M S04 19 HC$ 2.00 MF$ 0.50

THE SOLAR WIND AND ITS INTERACTION WITH THE MAGNETOSPHERE.
N66-33419 4A S04 19 HC$ 2.00 MF$ 0.50

SOLENOIDS, STRESSES
A 100 KILOGAUSS QUASI-CONTINUOUS CRYOGENIC SOLENOID. PART I.
AD-641 928 9A T66 24 HC$ 1.00 MF$ 0.50

SOLID NITROGEN
EXPERIMENTAL INVESTIGATIONS OF SOLID NITROGEN FORMED BY CRYOPUMPING.
N66-33982 20M S04 19 HC$ 2.00 MF$ 0.50

SOLID PHASE
VAPOR PRESSURE IN SOLID YTTRIUM.
N66-33677 20M S04 19 HC$ 1.00 MF$ 0.50

STUDY OF THE PROPAGATION PROCESS OF A REACTION IN SOLID PHASES.
N66-33682 20L S04 19 HC$ 2.00 MF$ 0.50

SOLID PROPELLANT
DEVELOPMENT OF A PROPORTIONAL TWO STAGE PRESSURE FEED BACK PNEUMATIC VALVE FOR 2000 DEG F SOLID PROPELLANT SYSTEMS REPORT, JUL. 6, 1965 - MAY 20, 1966.
N66-33494 13K S04 19 HC$ 3.00 MF$ 1.00

SOLID PROPELLANT ROCKET ENGINE
DESIGN STUDY OF HEAT STERILIZABLE SOLID ROCKET MOTORS FOR SPACE APPLICATION, VOLUME I FINAL REPORT, OCT. 19, 1965 - JAN. 9, 1966.
N66-33541 21H S04 19 HC$ 3.75 MF$ 1.50

SOLID PROPELLANT ROCKET MOTOR PERFORMANCE COMPUTER PROGRAMS USING THE GROUP TRANSFORMATION METHOD.
N66-38417 21H S04 23 HC$ 3.00 MF$ 1.00

SOLID ROCKET PROPELLANTS, COMBUSTION
SOLID PROPELLANT COMBUSTION ANALYTICAL SURVEY.
AD-641 682 21B T66 24 HC$ 3.00 MF$ 0.75

SOLID STATE
STATE-OF-THE-ART SURVEY OF DISSIMILAR METAL JOINING BY SOLID STATE WELDING.
N66-32787 13H S04 19 HC$ 2.00 MF$ 0.50

THERMALLY REGENERABLE CARBON DIOXIDE ABSORBENT SYSTEM FINAL REPORT, 1 MAY 1964 - 31 JAN. 1966.
N66-33499 7A S04 19 HC$ 3.75 MF$ 1.50

ORGANIC SEMICONDUCTORS.
N66-33683 20L S04 19 HC$ 2.50 MF$ 0.75

SOLID STATE DEVICE
COMMUNICATION SATELLITE OUTPUT DEVICES.
N66-33181 17B S04 19 HC$ 2.00 MF$ 0.50

SOLID STATE LASER
REVIEW OF THE PRESENT SITUATION ON LASER RESEARCH.
N66-33688 20E S04 19 HC$ 2.00 MF$ 0.50

SOLID STATE PHYSICS
THE USE OF PULSED REACTORS IN THE FIELD OF NEUTRON AND SOLID STATE PHYSICS.
N66-33429 18K S04 19 HC$ 3.00 MF$ 0.75

CALCULATION OF FUNCTIONALS OF MATRICES ARISING IN SOLID STATE PHYSICS AND QUANTUM CHEMISTRY.
N66-33491 20B S04 19 HC$ 3.75 MF$ 1.50

SOLID STATE PHYSICS, IMPURITIES
NOTE ON IONIZED IMPURITY SCATTERING IN SOLIDS.
AD-641 889 20L T66 24

SOLID STATE PHYSICS, SCATTERING
SOLID STATE SCATTERING THEORY.
AD-641 636 20L T66 24

SOLID STATE PHYSICS, SCIENTIFIC RESEARCH
SOLID STATE RESEARCH.
AD-641 499 20L T66 24 HC$ 3.00 MF$ 0.75

SOLUBILITY
INVESTIGATION OF SOLUBILITY AND DIFFUSION OF OXYGEN IN REFRACTORY METALS SECOND QUARTERLY REPORT, 1 OCT. - 31 DEC. 1965.
N66-33755 11F S04 23 HC$ 2.00 MF$ 0.50

SOLUTIONS, LIFE EXPECTANCY
THE TWO TRANSFORMER METHOD FOR ELECTRODELESS CONDUCTIVITY MEASUREMENTS.
AD-461 769 20I U41 24 HC$ 9.60

SOLVENT EXTRACTION, AMINES
MECANISME D EXTRACTION DE L ACIDE NITRIQUE ET DE L EAU PAR LES SOLUTIONS ORGANIQUES D ALCOYLAMINES TERTIAIRES (MECHANISM OF THE EXTRACTION OF NITRIC ACID AND WATER BY ORGANIC SOLUTIONS OF TERTIARY ALKYLAMINES).
PB-173 396 7D U41 24 HC$ 3.00 MF$ 0.75

SOLVENT EXTRACTION, AUTOMATIC
A PROCESS FOR THE CONTINUOUS FLOW, IN-LINE FRACTIONATION AND EXCHANGE OF VOLATILE SOLVENTS IN AUTOMATED CHEMISTRY.
AD-641 567 6A T66 24 HC$ 1.00 MF$ 0.50

SONIC BOOM
SONIC-BOOM MEASUREMENTS DURING BOMBER TRAINING OPERATIONS IN THE CHICAGO AREA.
N66-38415 1C S04 23 HC$ 2.00 MF$ 0.50

A FEASIBILITY INVESTIGATION CONCERNING THE SIMULATION OF SONIC BOOM BY BALLISTIC MODELS.
N66-38421 1A S04 23 HC$ 2.50 MF$ 0.75

COMPUTATION OF THE PRESSURE-TIME HISTORY OF A SONIC BOOM SHOCK WAVE ACTING ON A WINDOW GLASS IN A BUILDING.
N66-38754 20A S04 23 HC$ 2.50 MF$ 0.50

SONIC BOOM, TOLERANCES(PHYSIOLOGY)
EFFECTS OF SONIC BOOM ON PEOPLE REVIEW AND OUTLOOK.
AD-641 352 6S T66 24

SORPTION, ELECTRODES
BASIC STUDY OF SORPTION OF ORGANIC FUELS DURING OXIDATION AT ELECTRODES.
AD-454 676 21D U41 24 HC$ 12.60

SOUND RANGING, ACOUSTIC RANGES
INSTRUCTION MANUAL FOR PRECISION GRAPHIC RECORDER (PGR).
AD-255 169 19H U41 24 HC$ 14.80

SOUND TRANSMISSION, ATMOSPHERE
ATMOSPHERIC SOUND PROPAGATION NEAR THE EARTH S SURFACE.
AD-473 746 3B U41 24 HC$ 1.60 MF$ 0.50

SOUND TRANSMISSION, SEDIMENTATION
SPEED OF SOUND IN UNCONSOLIDATED SEDIMENTS OF BOSTON HARBOR, MASSACHUSETTS.
AD-641 392 20A T66 24 HC$ 3.00 MF$ 0.75

SOUNDING ROCKET
DEVELOPMENT OF A SMALL ANIMAL PAYLOAD AND INTEGRATION WITH A SOUNDING ROCKET.
N66-33540 22B S04 19 HC$ 3.00 MF$ 0.75

SOUNDING ROCKETS, FLIGHT TESTING
AERODYNAMIC AND FLIGHT PERFORMANCE ANALYSIS FOR THE NIRO SOUNDING ROCKET.
AD-641 676 22B T66 24 HC$ 5.00 MF$ 1.00

SOUND, PROPAGATION
AN INVESTIGATION OF SUBHARMONIC GENERATION IN AN ULTRASONIC RESONANT CAVITY.
AD-641 604 20A T66 24 HC$ 4.00 MF$ 0.75

SOUTHEAST ASIA, LIMITED WAR
THE SHORT RUN AND THE LONG WALK, (PARTS I AND II).
AD-641 956 15G T66 24 HC$ 1.00 MF$ 0.50

SPACE BIOLOGY, CHROMOSOMES
EXPOSURE OF TRADESCANTIA MICROSPORES TO PERIODIC VIBRATIONS OF 40-180 HERTZ.
AD-641 656 6C T66 24 HC$ 1.00 MF$ 0.50

SPACE BIOLOGY, LABELED SUBSTANCES
DIRECT FLUORESCENT LABELING OF MICROORGANISMS AS A POSSIBLE LIFE-DETECTION TECHNIQUE.
AD-641 936 6H T66 24

SPACE CABIN ATMOSPHERE
CARBON DIOXIDE CONCENTRATION SYSTEM FINAL REPORT.
N66-38499 6K S04 23 HC$ 3.25 MF$ 1.25

SPACE CAPSULE
FLIGHT TYPE OXYGEN PARTIAL PRESSURE SENSOR.
N66-33459 6B S04 19 HC$ 2.00 MF$ 0.50

SPACE DENSITY
AN ORBITING DENSITY MEASURING INSTRUMENT.
N66-33539 14B S04 19 HC$ 2.50 MF$ 0.50

SPACE ENVIRONMENT
MEASURED PERFORMANCE OF WATER VAPOR JETS FOR SPACE VEHICLE ATTITUDE CONTROL SYSTEMS.
N66-32955 22B S04 19 HC$ 1.00 MF$ 0.50

RESEARCH ON A SELF-TEMPERATURE REGULATING SPACECRAFT SKIN SYSTEM PROGRESS REPORT, DEC. 1, 1965 - MAY 31, 1966.
N66-34070 22B S04 19 HC$ 2.00 MF$ 0.50

SPACE ENVIRONMENTAL CONDITIONS, MAPS
A COMPREHENSIVE MAP OF THE SPACE RADIATION ENVIRONMENT.
AD-641 509 3B T66 24 HC$ 6.00 MF$ 1.50

SPACE EXPLORATION
REMOTE MAN-MACHINE CONTROL SYSTEM EVALUATION FINAL REPORT.
N66-32800 5H S04 19 HC$ 3.75 MF$ 1.25

SPACE PROGRAMS SUMMARY NO. 37-40, VOLUME VI FOR THE PERIOD MAY 1 TO JUNE 30, 1966, SPACE EXPLORATION PROGRAMS AND SPACE SCIENCES.
N66-38506 22B S04 23 HC$ 2.50 MF$ 0.75

SPACE FLIGHT
DEVELOPMENT OF A SMALL ANIMAL PAYLOAD AND INTEGRATION WITH A SOUNDING ROCKET.
N66-33540 22B S04 19 HC$ 3.00 MF$ 0.75

DEVELOPMENT OF HIGH ENERGY DENSITY PRIMARY BATTERIES FOURTH QUARTERLY REPORT, 22 MAR. - 21 JUN. 1966.
N66-37685 10C S04 23 HC$ 2.50 MF$ 0.75

TEN-BIT ANALOG-TO-DIGITAL CONVERTER.
N66-38416 9C S04 23 HC$ 1.00 MF$ 0.50

SPACE FLIGHT, SIMULATION
SIX DEGREE OF FREEDOM DIGITAL SIMULATION MODEL FOR UNGUIDED FIN-STABILIZED ROCKETS.
AD-452 108 19G U41 24 HC$ 2.60

SPACE MAINTENANCE
A TECHNIQUE TO INVESTIGATE SPACE MAINTENANCE TASKS.
N66-38115 5H S04 23 HC$ 1.00 MF$ 0.50

SPACE MAINTENANCE, SYMPOSIA
NATIONAL CONFERENCE ON SPACE MAINTENANCE AND EXTRA-VEHICULAR ACTIVITIES.
AD-641 695 22A T66 24 MF$ 2.25

SPACE MEDICINE, ANTIGENS + ANTIBODIES
VIRAL ANTIBODY PRODUCTION IN ANIMALS EXPOSED TO A SPACE CABIN ENVIRONMENT.
AD-641 566 6S T66 24 HC$ 1.00 MF$ 0.50

SPACE MEDICINE, BACTERIA
STUDY OF MAN DURING A 56-DAY EXPOSURE TO AN OXYGEN-HELIUM ATMOSPHERE AT 258 MM. HG TOTAL PRESSURE. XI. ORAL, CUTANEOUS, AND AEROSOL BACTERIOLOGIC EVALUATION.
AD-641 816 6S T66 24

SPACE MEDICINE, BEHAVIOR
THE STUDY OF MAN DURING A 56-DAY EXPOSURE TO AN OXYGEN-HELIUM ATMOSPHERE AT 258 MM. HG TOTAL PRESSURE. XIII. BEHAVIOR FACTORS.
AD-641 807 6S T66 24

SPACE MEDICINE, DIET
THE STUDY OF MAN DURING A 56-DAY EXPOSURE TO AN OXYGEN-HELIUM ATMOSPHERE AT 258 MM. HG TOTAL PRESSURE. IX. NUTRITIONAL EVALUATION OF FEEDING BITE-SIZE FOODS.
AD-641 804 6S T66 24

THE STUDY OF MAN DURING A 56-DAY EXPOSURE TO AN OXYGEN-HELIUM ATMOSPHERE AT 258 MM. HG TOTAL PRESSURE VIII. OBSERVATIONS ON FEEDING BITE-SIZE FOODS.
AD-641 830 6S T66 24

SPACE MEDICINE, ENTEROBACTERIACEAE

STUDY OF MAN DURING A 56-DAY EXPOSURE TO AN OXYGEN-HELIUM ATMOSPHERE AT 258 MM. HG TOTAL PRESSURE. X. ENTERIC MICROBIAL FLORA,
AD-641 817 6S T66 24

SPACE MEDICINE, ENZYMES
STUDY OF MAN DURING A 56-DAY EXPOSURE TO AN OXYGEN-HELIUM ATMOSPHERE AT 258 MM. HG TOTAL PRESSURE. IV. SELECTED BLOOD ENZYME RESPONSE,
AD-641 806 6S T66 24

SPACE MEDICINE, EXERCISE
STUDY OF MAN DURING A 56-DAY EXPOSURE TO AN OXYGEN-HELIUM ATMOSPHERE AT 258 MM. HG TOTAL PRESSURE. V. EXERCISE PERFORMANCE AND CARDIOVASCULAR RESPONSE,
AD-641 805 6S T66 24

SPACE MEDICINE, KIDNEYS
STUDY OF MAN DURING A 56-DAY EXPOSURE TO AN OXYGEN-HELIUM ATMOSPHERE AT 258 MM. HG TOTAL PRESSURE. III. RENAL RESPONSE,
AD-641 818 6S T66 24

SPACE MEDICINE, RESPIRATION
OBSERVATIONS ON MAN IN AN OXYGEN-HELIUM ENVIRONMENT AT 380 MM. HG TOTAL PRESSURE. III. HEAT EXCHANGE,
AD-641 827 6S T66 24

OBSERVATIONS ON MAN IN AN OXYGEN-HELIUM ENVIRONMENT AT 380 MM. HG TOTAL PRESSURE. II. RESPIRATORY,
AD-641 828 6S T66 24

THE STUDY OF MAN DURING A 56-DAY EXPOSURE TO AN OXYGEN-HELIUM ATMOSPHERE AT 258 MM HG TOTAL PRESSURE. VII. RESPIRATORY FUNCTION,
AD-641 829 6S T66 24

SPACE PERCEPTION, ILLUSIONS
PROBLEMS IN DEPTH PERCEPTIONS EQUIDISTANCE JUDGMENTS IN THE VICINITY OF A BINOCULAR ILLUSION,
AD-641 476 5J T66 24 HC$ 1.00 MF$ 0.50

SPACE PERCEPTION, PERFORMANCE(HUMAN)
PROBLEMS IN DEPTH PERCEPTION PERCEIVED SIZE AND DISTANCE OF FAMILIAR OBJECTS,
AD-641 477 5J T66 24 HC$ 1.00 MF$ 0.50

SPACE PHOTOGRAPHY
SPACE PHOTOGRAPHY FOR THE GEOGRAPHICAL STUDY OF THE EARTH.
N66-33765 8B S04 19 HC$ 2.00 MF$ 0.50

SPACE PROBE
INSTRUMENTS AND SPACECRAFT, OCTOBER 1957 - MARCH 1965 SPACE MEASUREMENTS SURVEY,
N66-33875 22B S04 19 HC$ 6.00 MF$ 4.75

SPACE RADIATOR
A DESIGN PROCEDURE FOR THE WEIGHT OPTIMIZATION OF STRAIGHT FINNED RADIATORS.
N66-32943 10B S04 19 HC$ 2.00 MF$ 0.50

SPACE SIMULATION
A STUDY OF MAN S PHYSICAL CAPABILITIES ON THE MOON, VOLUME III - WORK PHYSIOLOGY RESEARCH PROGRAM.
N66-38798 6B S04 23 HC$ 4.25 MF$ 2.00

SPACE SIMULATION CHAMBERS, ANTIGENS + ANTIBODIES
VIRAL ANTIBODY PRODUCTION IN ANIMALS EXPOSED TO A SPACE CABIN ENVIRONMENT.
AD-641 566 6S T66 24 HC$ 1.00 MF$ 0.50

SPACE SIMULATION CHAMBERS, MOLECULAR BEAMS
DESCRIPTION AND PERFORMANCE OF A MOLECULAR BEAM CHAMBER USED FOR CRYOPUMPING AND ADSORPTION PUMPING STUDIES,
AD-641 388 14B T66 24 HC$ 2.00 MF$ 0.50

SPACE SIMULATOR
A STUDY OF MAN S PHYSICAL CAPABILITIES ON THE MOON, VOLUME IV - INVESTIGATION OF LUNAR GRAVITY SIMULATION TECHNIQUES.
N66-38799 6B S04 23 HC$ 2.50 MF$ 0.50

SPACE SURVEILLANCE SYSTEM
RADIO WAVE PROPAGATION AND SATELLITE TRACKING ANNUAL SPECIAL REPORT, 1964-1965.
N66-33037 20N S04 19 HC$ 1.00 MF$ 0.50

SPACE VEHICLE
THERMAL PROTECTION SYSTEMS. ASPECTS OF THERMAL PROTECTION OF INTEREST TO NASA AND THE RELATED MATERIALS R AND D REQUIREMENTS.
N66-33352 22B S04 19 HC$ 3.75 MF$ 1.25

DEVELOPMENT OF THERMAL CONTROL COATINGS FOR SPACE VEHICLES.
N66-33378 20M S04 19 HC$ 1.00 MF$ 0.50

EVALUATION OF FASTENERS AND FASTENER MATERIALS FOR SPACE VEHICLES FINAL REPORT, NOV. 1963 - NOV. 1965.
N66-38104 13E S04 23 HC$ 7.85 MF$ 2.50

SPACECRAFT CABINS, ATMOSPHERE
THE STUDY OF MAN DURING A 56-DAY EXPOSURE TO AN OXYGEN-HELIUM ATMOSPHERE AT 258 MM. HG TOTAL PRESSURE. IX. NUTRITIONAL EVALUATION OF FEEDING BITE-SIZE FOODS.
AD-641 804 6S T66 24

STUDY OF MAN DURING A 56-DAY EXPOSURE TO AN OXYGEN-HELIUM ATMOSPHERE AT 258 MM. HG TOTAL PRESSURE. V. EXERCISE PERFORMANCE AND CARDIOVASCULAR RESPONSE,
AD-641 805 6S T66 24

STUDY OF MAN DURING A 56-DAY EXPOSURE TO AN OXYGEN-HELIUM ATMOSPHERE AT 258 MM. HG TOTAL PRESSURE. IV. SELECTED BLOOD ENZYME RESPONSE,
AD-641 806 6S T66 24

THE STUDY OF MAN DURING A 56-DAY EXPOSURE TO AN OXYGEN-HELIUM ATMOSPHERE AT 258 MM. HG TOTAL PRESSURE. XIII. BEHAVIOR FACTORS,
AD-641 807 6S T66 24

STUDY OF MAN DURING A 56-DAY EXPOSURE TO AN OXYGEN-HELIUM ATMOSPHERE AT 258 MM. HG TOTAL PRESSURE. XI. ORAL, CUTANEOUS, AND AEROSOL BACTERIOLOGIC EVALUATION,
AD-641 816 6S T66 24

STUDY OF MAN DURING A 56-DAY EXPOSURE TO AN OXYGEN-HELIUM ATMOSPHERE AT 258 MM. HG TOTAL PRESSURE. X. ENTERIC MICROBIAL FLORA,
AD-641 817 6S T66 24

STUDY OF MAN DURING A 56-DAY EXPOSURE TO AN OXYGEN-HELIUM ATMOSPHERE AT 258 MM. HG TOTAL PRESSURE. III. RENAL RESPONSE,
AD-641 818 6S T66 24

STUDY OF MAN DURING A 56-DAY EXPOSURE TO AN OXYGEN-HELIUM ATMOSPHERE AT 258 MM. HG TOTAL PRESSURE. II. MAJOR AND MINOR ATMOSPHERIC COMPONENTS,
AD-641 819 6S T66 24

STUDY OF MAN DURING A 56-DAY EXPOSURE TO AN OXYGEN-HELIUM ATMOSPHERE AT 258 MM. HG TOTAL PRESSURE. I. INTRODUCTION AND GENERAL EXPERIMENTAL DESIGN,
AD-641 820 6S T66 24

OBSERVATIONS ON MAN IN AN OXYGEN-HELIUM ENVIRONMENT AT 380 MM. HG TOTAL PRESSURE. III. HEAT EXCHANGE,
AD-641 827 6S T66 24

OBSERVATIONS ON MAN IN AN OXYGEN-HELIUM ENVIRONMENT AT 380 MM. HG TOTAL PRESSURE. II. RESPIRATORY,
AD-641 828 6S T66 24

THE STUDY OF MAN DURING A 56-DAY EXPOSURE TO AN OXYGEN-HELIUM ATMOSPHERE AT 258 MM HG TOTAL PRESSURE. VII. RESPIRATORY FUNCTION,
AD-641 829 6S T66 24

THE STUDY OF MAN DURING A 56-DAY EXPOSURE TO AN OXYGEN-HELIUM ATMOSPHERE AT 258 MM. HG TOTAL PRESSURE VIII. OBSERVATIONS ON FEEDING BITE-SIZE FOODS,
AD-641 838 6S T66 24

THE STUDY OF MAN DURING A 56-DAY EXPOSURE TO AN OXYGEN-HELIUM ATMOSPHERE AT 258 MM. HG, TOTAL PRESSURE. XII. CLINICAL OBSERVATIONS.
AD-641 953 6S T66 24

SPACECRAFT COMPONENT
INVESTIGATION OF THE RELIABILITY OF STERILE INSERTION TECHNIQUES FOR SPACECRAFT MONTHLY LETTER REPORT, 23 JUN. - 23 JUL. 1966.
N66-32965 13H S04 19 HC$ 2.00 MF$ 0.50

A STORED PROGRAM COMPUTER FOR SMALL SCIENTIFIC SPACECRAFT.
N66-38408 9B S04 23 HC$ 2.50 MF$ 0.50

SPACECRAFT CONFIGURATION
LONGITUDINAL AERODYNAMIC CHARACTERISTICS OF A TENSION SHELL ENTRY CONFIGURATION AT MACH 28.
N66-33452 1A S04 19 HC$ 2.00 MF$ 0.50

SPACECRAFT CONTAMINATION
SCOPE OF WORK FOR SCIENTIFIC AND TECHNICAL ASSISTANCE FOR THE PLANETARY QUARANTINE MISSION FIRST QUARTERLY REPORT, PERIOD ENDING JUN. 30, 1966.
N66-32760 22A S04 19 HC$ 1.00 MF$ 0.50

AN ASSEMBLY CONTAMINATION MODEL.
N66-32963 6T S04 19 HC$ 2.00 MF$ 0.50

FEASIBILITY STUDY OF FREEZE-OUT TECHNIQUES FOR CONTAMINANT CONTROL WITHIN MANNED SPACECRAFT ATMOSPHERES FINAL TECHNICAL REPORT, 11 OCT. 1965 - 11 APR. 1966.
N66-33198 5E S04 19 HC$ 5.00 MF$ 1.00

SPACECRAFT CONTROL
MEASURED PERFORMANCE OF WATER VAPOR JETS FOR SPACE VEHICLE ATTITUDE CONTROL SYSTEMS.
N66-32955 22B S04 19 HC$ 1.00 MF$ 0.50

A SYSTEM FOR INERTIAL EXPERIMENT POINTING AND ATTITUDE CONTROL.
N66-32957 17G S04 19 HC$ 2.50 MF$ 0.75

STUDY TO DEVELOP THE EQUATIONS DESCRIBING THE CHARACTERISTICS OF RATE AND ATTITUDE SENSORS ASSOCIATED WITH SPACECRAFT CONTROL SYSTEMS.
N66-33492 17G S04 19 HC$ 3.25 MF$ 1.25

SPACECRAFT DESIGN
MANNED SPACECRAFT SYSTEMS COST MODEL, VOLUME II, SUMMARY REPORT, APR. 1965 - JUN. 1966.
N66-33490 22B S04 19 HC$ 2.50 MF$ 0.75

IN OPEN SPACE -- VOSKHOD-2 SPACE CRAFT DESIGN.
N66-33694 22B S04 19 HC$ 1.00 MF$ 0.50

MARINER MARS 1964 PROJECT REPORT - MISSION AND SPACECRAFT DEVELOPMENT. VOLUME - I- APPENDIXES.
N66-33718 22B S04 19 HC$ 6.12 MF$ 6.54

A SYSTEM TO MEASURE THE MASS OF A PROJECTILE LAUNCHED FROM AN EXPLODING FOIL GUN FINAL REPORT.
N66-37644 14B S04 23 HC$ 2.50 MF$ 0.75

PROCEEDINGS OF CONFERENCE ON SPACECRAFT COATINGS DEVELOPMENT.
N66-37814 20M S04 23 HC$ 5.00 MF$ 1.25

SPACECRAFT ELECTRONIC EQUIPMENT
AN ORBITING DENSITY MEASURING INSTRUMENT.
N66-33539 14B S04 19 HC$ 2.50 MF$ 0.50

SPACECRAFT ENVIRONMENT
PROCEEDINGS OF CONFERENCE ON ACTIVE TEMPERATURE CONTROL.
N66-32946 20M S04 19 HC$ 2.50 MF$ 0.75

SPACECRAFT INSTRUMENTATION
INSTRUMENTS AND SPACECRAFT, OCTOBER 1957 - MARCH 1965 SPACE MEASUREMENTS SURVEY.
N66-33075 22B S04 19 HC$ 6.00 MF$ 4.75

CRYOGENIC TECHNOLOGY RESEARCH AT MSFC.
N66-37993 21M S04 23 HC$ 2.00 MF$ 0.50

SPACECRAFT MANEUVER
SELECTION OF PARAMETERS FOR A DYNAMIC SYSTEM UNIVERSAL FOR A GIVEN GROUP OF MANEUVERS.
N66-33696 22A S04 19 HC$ 1.00 MF$ 0.50

SPACECRAFT ORBIT
DETERMINATION OF ORBIT OF A SPACECRAFT WITH RESPECT TO AN OBJECT IN A KNOWN CIRCULAR ORBIT.
N66-33016 22C S04 19 HC$ 2.00 MF$ 0.50

SPACECRAFT REENTRY
THEORETICAL AND EXPERIMENTAL INVESTIGATIONS OF SPACECRAFT ANTENNA PROBLEMS IN THE VARIED OPERATIONAL ENVIRONMENTS OF FAR-OUT-SPACE AND ATMOSPHERIC RE-ENTRY SEMIANNUAL REPORT, 1 JAN. - 31 JUL. 1966.
N66-38711 9F S04 23 HC$ 1.00 MF$ 0.50

SPACECRAFT SENSOR
A UNIQUE VARIABLE WIDTH PULSE INTEGRATOR.
N66-33370 9A S04 19 HC$ 1.00 MF$ 0.50

SPACECRAFT STRUCTURE
THE FABRICATION OF BERYLLIUM, VOLUME I - A SURVEY OF CURRENT TECHNOLOGY.
N66-33538 13H S04 19 HC$ 3.00 MF$ 1.00

SPACECRAFT TELEVISION
THE FIRST PANORAMIC VIEWS OF THE LUNAR SURFACE.
N66-38486 22A S04 23 HC$ 3.00 MF$ 1.00

SPACECRAFT TRAJECTORY
THE GRAVITY POTENTIAL AND FORCE FIELD OF THE EARTH THROUGH FOURTH ORDER.
N66-33703 4A S04 19 HC$ 2.50 MF$ 0.75

SPACE-TIME FUNCTION
AN EXPERIMENT ON THE QUANTITATIVE DESCRIPTION OF CLIMATIC ELEMENT FIELD BY ORTHOGONAL FUNCTIONS.
N66-38717 4B S04 23 HC$ 1.00 MF$ 0.50

SPALLATION, IMPACT SHOCK
A STUDY OF THE ROLE OF MECHANICAL-STRENGTH PROPERTIES ON THE PHENOMENA OF SPALLATION.
AD-641 874 20K T66 24 HC$ 2.00 MF$ 0.50

SPARK DISCHARGE
THEORY OF PULSE DISCHARGES IN A LIQUID MEDIUM.
N66-33708 20I S04 19 HC$ 1.00 MF$ 0.50

SPATIAL DISTRIBUTION
REACTION RATE DISTRIBUTIONS AND RATIOS IN FRO ASSEMBLIES 1, 2, AND 3.
N66-33125 18K S04 19 HC$ 3.00 MF$ 0.75

SPECIAL FUNCTIONS(MATHEMATICAL), COMPUTER LOGIC
NETS OF THRESHOLD ELEMENTS.
AD-641 941 9B T66 24

SPECIFIC HEAT
THERMOPHYSICAL PROPERTIES MEASUREMENTS PERFORMED FOR NASA.
N66-32723 20M S04 19 HC$ 1.00 MF$ 0.50

SPECTRAL ANALYSIS
FUNDAMENTAL DATA FOR SOUTHERN STARS (SIXTH LISTS).
N66-33100 3B S04 19 HC$ 1.00 MF$ 0.50

SPECTRAL ANALYSIS TECHNIQUES AND PATTERN RECOGNITION METHODS FOR ELECTROENCEPHALOGRAPHIC DATA.
N66-33387 6B S04 19 HC$ 2.00 MF$ 0.50

SPECTRAL LINE
PHOTOELECTRIC RECORDING DEVICE OF HIGH SENSITIVITY AND ACCURACY FOR SPECTROGRAPHS.
N66-38708 20F S04 23 HC$ 1.00 MF$ 0.50

SPECTRAL REFLECTANCE
SPECTRAL ALBEDO OF NATURAL GROUNDS.
N66-33701 4A S04 19 HC$ 2.00 MF$ 0.50

SPECTROMETER
A NEW FOUR-CHANNEL SCANNING SPECTROMETER FOR BALLISTIC-RANGE RADIOMETRY.
N66-37648 20F S04 23 HC$ 1.00 MF$ 0.50

SPECTROPHOTOMETERS, CONTAINERS
AN ABSORPTION SPECTROPHOTOMETER CELL FOR USE AT HIGH PRESSURES AND ITS APPLICATION TO AN ENZYMIC REACTION.
AD-641 910 6A T66 24 HC$ 1.00 MF$ 0.50

SPECTROPHOTOMETRY
PHYSICS OF THE MOON AND THE PLANETS.
N66-33526 3B S04 19 HC$ 4.00 MF$ 1.00

SPECTROSCOPY
INTERMEDIATE ENERGY PHYSICS, VOLUME I.
N66-32726 20M S04 19 HC$ 5.65 MF$ 2.50

PLANETARY SPECTRA BY FOURIER SPECTROSCOPY. I - MARS.
N66-33770 3A S04 19 HC$ 2.50 MF$ 0.50

SPECTROSCOPY, ELECTRON BEAMS
A TIME-OF-FLIGHT ELECTRON VELOCITY SPECTROMETER.
AD-641 394 14B T66 24 HC$ 3.00 MF$ 0.50

SPECTRUM
RESULTS AND INTERPRETATION OF SPECIAL INDICES MEASUREMENTS MADE WITH AQUILON.
N66-38120 18J S04 23 HC$ 3.00 MF$ 0.50

SPECTRUM ANALYZERS, DESIGN
SUMMARY AND RECOMMENDATIONS. VOLUME A. TEXT.
AD-66 698 14B U41 24 HC$ 42.60

SPEECH RECOGNITION, UNDERWATER COMMUNICATION SYSTEMS
THE EFFECT OF FREQUENCY PASSBAND UPON THE INTELLIGIBILITY OF HELIUM-SPEECH IN NOISE.
AD-641 960 17B T66 24 HC$ 1.00 MF$ 0.50

SPEECH, INTELLIGIBILITY
THE EFFECT OF CONTEXT ON AURAL PERCEPTION OF WORDS.
AD-641 839 5J T66 24

THE EFFECT OF FREQUENCY PASSBAND UPON THE INTELLIGIBILITY OF HELIUM-SPEECH IN NOISE.
AD-641 960 17B T66 24 HC$ 1.00 MF$ 0.50

SPHERICAL SHELL
AN EXPERIMENTAL STUDY OF THE BUCKLING OF COMPLETE SPHERICAL SHELLS.
N66-33460 20K S04 19 HC$ 3.00 MF$ 0.75

IMPERFECTION-SENSITIVITY OF EXTERNALLY PRESSURIZED SPHERICAL SHELLS.
N66-38362 20K S04 23 HC$ 2.00 MF$ 0.50

SPIRILLACEAE, GROWTH
GROWTH OF DESULFOVIBRIO ON THE SURFACE OF AGAR MEDIA.
AD-641 948 6M T66 24

SPIRO COMPOUNDS, POLYMERS
THE SYNTHESIS AND CHARACTERIZATION OF SPIRO POLYMERS.
AD-641 873 7C T66 24 HC$ 2.00 MF$ 0.50

SPOILER
EFFECTS OF BOUNDARY-LAYER SUCTION AND SPOILERS ON TRANSONIC FLUTTER DERIVATIVES FOR A MIDSPAN CONTROL SURFACE ON AN UPSWEPT WING.
N66-33315 1D S04 19 HC$ 2.00 MF$ 0.50

SPUTTERING
SPUTTERING ION SOURCE STUDY PROGRAM, SECOND PHASE FINAL REPORT, 2 JAN. - 15 NOV. 1962.
N66-33440 20I S04 19 HC$ 2.00 MF$ 0.50

SPUTTERING, FILMS
THIN FILMS FORMED BY ELECTROCHEMICAL REACTIONS.
AD-641 613 9A T66 24 HC$ 3.00 MF$ 0.50

STABILITY AND CONTROL
FLIGHT INVESTIGATION OF DYNAMIC STABILITY AND CONTROL CHARACTERISTICS OF A 0.18-SCALE MODEL OF A FAN-IN-WING VTOL AIRPLANE.
N66-32941 1C S04 19 HC$ 2.00 MF$ 0.50

WIND-TUNNEL INVESTIGATION AT A MACH NUMBER OF 2.91 OF STABILITY AND CONTROL CHARACTERISTICS OF THREE LIFTING REENTRY CONFIGURATIONS AT ANGLES OF ATTACK UP TO 90 DEGREES.
N66-33306 1A S04 19 HC$ 2.00 MF$ 0.50

STABILITY AND CONTROL CHARACTERISTICS AT A MACH NUMBER OF 1.89 OF A LIGHTWEIGHT GLIDER REENTRY CONFIGURATION.
N66-33337 22C S04 19 HC$ 1.00 MF$ 0.50

PRELIMINARY INVESTIGATION OF INTERFERENCE EFFECTS OF MULTICOPLANAR FINS ON A TWO-STAGE ROCKET LAUNCH VEHICLE WITH WINGED SPACECRAFT AT TRANSONIC SPEEDS.
N66-33345 22D S04 19 HC$ 2.00 MF$ 0.50

STABILITY TEST
DYNAMIC-MODEL INVESTIGATION OF SOME LANDINGS AND SLIDEOUTS OF A RECOVERABLE BOOSTER.
N66-33430 22D S04 19 HC$ 1.00 MF$ 0.50

STABILITY, STOCHASTIC PROCESSES
LIAPUNOV CRITERIA FOR WEAK STOCHASTIC STABILITY.
AD-641 862 12A T66 24

STABILITY, VECTOR ANALYSIS
VECTOR LYAPUNOV FUNCTIONS AND CONDITIONAL STABILITY.
AD-641 861 12A T66 24

STAGNATION POINT
DETERMINATION OF THE THERMAL CHARACTERISTICS OF A TWO-DIMENSIONAL LAMINAR BOUNDARY LAYER IN A COMPRESSIBLE GAS WITHOUT A LONGITUDINAL PRESSURE GRADIENT, IN THE VICINITY OF THE FORWARD STAGNATION POINT.
N66-33695 20M S04 19 HC$ 1.00 MF$ 0.50

RADIATIVE HEAT TRANSFER NEAR THE STAGNATION POINT OF A BLUNT BODY.
N66-33702 20M S04 19 HC$ 1.00 MF$ 0.50

STAINLESS STEEL
STATE-OF-THE-ART SURVEY OF DISSIMILAR METAL JOINING BY SOLID STATE WELDING.
N66-32787 13M S04 19 HC$ 2.00 MF$ 0.50

THERMAL CONTACT CONDUCTANCE IN A VACUUM ENVIRONMENT.
N66-33408 20M S04 19 HC$ 4.00 MF$ 0.75

SUMMARY OF MATERIALS TECHNOLOGY OF M-1 ENGINE.
N66-33977 13M S04 19 HC$ 2.50 MF$ 0.75

STAINLESS STEEL, TENSILE PROPERTIES
THE EFFECT OF PRE-STRAINING OF THE TENSILE PROPERTIES OF STAINLESS STEEL EN58B AT 20C AND -196C.
AD-641 902 11F T66 24 HC$ 2.00 MF$ 0.50

STAPHYLOCOCCUS AUREUS, ANTIMETABOLITES
INHIBITION OF PROTEIN SYNTHESIS BY SPERMINE IN GROWING CELLS OF STAPHYLOCOCCUS AUREUS.
AD-641 951 6M T66 24

STAPHYLOCOCCUS AUREUS, TOXINS + ANTITOXINS
STREPTOMYCIN INHIBITION OF ELABORATION OF STAPHYLOCOCCAL ENTEROTOXIC PROTEIN.
AD-641 950 6M T66 24

STAPHYLOCOCCUS, TOXINS + ANTITOXINS
INHIBITION OF STAPHYLOCOCCAL ENTEROTOXIN B FORMATION IN BROTH CULTURES.
AD-641 949 6M T66 24

STAR
FUNDAMENTAL DATA FOR SOUTHERN STARS (SIXTH LISTS).
N66-33100 3B S04 19 HC$ 1.00 MF$ 0.50

PHOTOELECTRIC PHOTOMETRY OF RR LYRAE STARS.
N66-33137 3B S04 19 HC$ 1.00 MF$ 0.50

STATE-OF-THE-ART REVIEWS, MODULAR SPACE CONSTRUCTION
EXPANDABLE AND MODULAR STRUCTURES TECHNOLOGY FOR SUPPORT OF MANNED MISSIONS.
AD-641 903 22A T66 24 HC$ 1.00 MF$ 0.50

STATIC INVERTER
DESIGN, DEVELOPMENT AND DELIVERY OF ONE (1) BREADBOARD AND THREE (3) PRODUCTION UNITS OF A 75 VA INTEGRATED STATIC INVERTER MONTHLY PROGRESS REPORT NO. 11, MAR. 1966.
N66-32756 9A S04 19 HC$ 1.00 MF$ 0.50

STATIC STABILITY
TRANSONIC STATIC AND DYNAMIC LONGITUDINAL STABILITY CHARACTERISTICS OF A LOW-FINENESS- RATIO, BLUNTED-CYLINDER REENTRY BODY HAVING A CONVERGING-CONE AFTERBODY.
N66-33318 1D S04 19 HC$ 2.00 MF$ 0.50

STATIC STABILITY CHARACTERISTICS OF CONE AND HALF-CONE-PYRAMID CONFIGURATIONS AT MACH 6.83.
N66-33453 1A S04 19 HC$ 2.00 MF$ 0.50

RELATIONSHIPS BETWEEN TROPICAL PRECIPITATION AND KINEMATIC CLOUD MODELS FINAL TECHNICAL REPORT, 15 AUG. 1965 - 14 FEB. 1966.
N66-33328 4A S04 23 HC$ 2.00 MF$ 0.50

STATIC STABILITY AND CONTROL
AERODYNAMIC PERFORMANCE AND STATIC STABILITY AND CONTROL OF FLAT-TOP HYPERSONIC GLIDERS AT MACH NUMBERS FROM 0.6 TO 18.
N66-33311 1D S04 19 HC$ 3.00 MF$ 0.75

STATIC STABILITY AND CONTROL CHARACTERISTICS OF TWO LARGE-DIHEDRAL RIGHT TRIANGULAR PYRAMID LIFTING REENTRY CONFIGURATIONS AT A MACH NUMBER OF 3.05.
N66-33317 1D S04 19 HC$ 2.00 MF$ 0.50

STABILITY AND CONTROL CHARACTERISTICS AT LOW SUBSONIC SPEEDS OF AN AIRPLANE CONFIGURATION HAVING TWO TYPES OF VARIABLE-SWEEP WINGS.
N66-33319 1D S04 19 HC$ 3.00 MF$ 0.75

STATIC LONGITUDINAL, DIRECTIONAL, AND LATERAL STABILITY AND CONTROL DATA AT A MACH NUMBER OF 6.83 OF THE FINAL CONFIGURATION OF THE X- 15 RESEARCH AIRPLANE.
N66-33320 1D S04 19 HC$ 3.00 MF$ 0.75

LOW-SPEED INVESTIGATION OF EFFECTS OF VERTICAL TAILS ON THE STATIC STABILITY CHARACTERISTICS OF A CANARD-BOMBER CONFIGURATION HAVING A VERY THIN WING AND A SLENDER ELLIPTICAL FUSELAGE.
N66-33336 1A S04 19 HC$ 1.00 MF$ 0.50

TRANSONIC WIND-TUNNEL INVESTIGATION OF STATIC LONGITUDINAL AND LATERAL STABILITY AND CONTROL CHARACTERISTICS AND DRAG RISE OF A REPRESENTATIVE FIGHTER AIRPLANE.
N66-34082 1D S04 19 HC$ 3.00 MF$ 1.00

STATISTICAL ANALYSIS, DATA
SHORT-CUT MULTIPLE COMPARISONS FOR BALANCED SINGLE AND DOUBLE CLASSIFICATIONS. PART 2. DERIVATIONS AND APPROXIMATIONS.
AD-641 845 12A T66 24

STATISTICAL ANALYSIS, DETECTION
A STATISTICAL THEORY OF TARGET DETECTION BY PULSED RADAR.
AD-101 287 17I U41 24 HC$ 8.60

A STATISTICAL THEORY OF TARGET DETECTION BY PULSED RADAR MATHEMATICAL APPENDIX.
AD-101 882 17I U41 24 HC$ 4.00

STATISTICAL DISTRIBUTIONS, ANALYSIS
A BAYESIAN STUDY OF THE MULTINOMIAL DISTRIBUTION.
AD-641 880 12A T66 24 HC$ 2.00 MF$ 0.50

STATISTICAL DISTRIBUTIONS, POPULATION(MATHEMATICS)
CHARACTERIZATION PROBLEMS FOR DISCRETE DISTRIBUTIONS.
AD-641 690 12A T66 24

STATISTICAL FUNCTIONS, INTEGRAL EQUALS
SOME ADDITIONAL THEOREMS FOR A NON-STATIONARY STOCHASTIC PROCESS WITH A CONTINUOUS, NON-RANDOM, TIME-DEPENDENT COMPONENT.
AD-485 338 12A U41 24 HC$ 4.60

STATISTICAL FUNCTIONS, PARTICLES
BIPOLAR ANGLE AVERAGES AND TWO-CENTER, TWO-PARTICLE INTEGRALS INVOLVING R SUB 12.
AD-641 847 7D T66 24

STATISTICAL MECHANICS, FUNCTIONS
BIPOLAR ANGLE AVERAGES AND TWO-CENTER, TWO-PARTICLE INTEGRALS INVOLVING R SUB 12.
AD-641 847 7D T66 24

STATISTICAL MECHANICS, INEQUALITIES
INEQUALITY WITH APPLICATIONS IN STATISTICAL MECHANICS.
AD-641 779 12A T66 24

STATISTICAL MECHANICS, MOLECULAR ASSOCIATION
PROPERTIES OF LATTICE AND CONTINUUM VAN DER WAALS FLUIDS AT THE CRITICAL POINT.
AD-641 633 20M T66 24

STATISTICAL MECHANICS, PHASE STUDIES
RIGOROUS TREATMENT OF THE VAN DER WAALS-MAXWELL THEORY OF THE LIQUID-VAPOR TRANSITION.
AD-641 632 2UM T66 24

STATISTICAL MECHANICS, PLASMA PHYSICS
STATISTICAL THEORY OF RADIATIVE PROCESSES IN PLASMAS.
AD-641 548 20I T66 24

STATISTICAL PROCESSES, INFORMATION THEORY
LOCAL BEHAVIOR OF STATIONARY GAUSSIAN PROCESSES.
AD-641 323 12A T66 24 HC$ 3.00 MF$ 0.75

STATISTICAL PROCESSES, MEASURE THEORY
EQUILIBRIUM SYSTEMS FOR STABLE PROCESSES.
AD-641 329 12A T66 24 HC$ 2.00 MF$ 0.50

STATISTICAL TESTS, EFFECTIVENESS
ASYMPTOTIC EFFICIENCY OF THE KOLMOGOROV - SMIRNOV TEST.
AD-641 398 12A T66 24 HC$ 1.00 MF$ 0.50

STATISTICAL TESTS, PSYCHOMETRICS
A SENSITIVE RANK TEST FOR COMPARING THE EFFECTS OF TWO TREATMENTS ON A SINGLE GROUP.
AD-641 417 5J T66 24

STEAM
STUDIES OF STEEL CORROSION IN HIGH-TEMPERATURE WATER AND STEAM QUARTERLY REPORT NO. 14, 1 JAN. - 31 MAR. 1966.
N66-38644 11F S04 23 HC$ 4.00 MF$ 1.00

STEAM, FLUID MECHANICS
REPRESENTATIVE RESEARCH PAPERS OF THE APPLIED PHYSICS DEPARTMENT.
AD-641 842 20D T66 24

STEEL
THE STRAIN RATE SENSITIVITY OF THE YIELD STRESS OF STEELS.
N66-33035 11F S04 19 HC$ 1.00 MF$ 0.50

RESIDUAL STRESSES IN 17-4 PH STEEL.
N66-38498 11F S04 23 HC$ 2.50 MF$ 0.75

STUDIES OF STEEL CORROSION IN HIGH-TEMPERATURE WATER AND STEAM QUARTERLY REPORT NO. 14, 1 JAN. - 31 MAR. 1966.
N66-38644 11F S04 23 HC$ 4.00 MF$ 1.00

STEEL, ANALYSIS
STANDARD REFERENCE MATERIALS DETERMINATION OF OXYGEN IN FERROUS MATERIALS SRM 1090, 1091, AND 1092.
NBS-MISC-PUB-260-14 11F U41 24 HC$ 0.30 MF$ 0.50

STEEL, CORROSION
STRUCTURAL CHANGES IN HIGH-STRENGTH STEEL ASSOCIATED WITH STRESS CORROSION AND ITS RELATIONSHIP TO DELAYED FAILURE.
AD-468 171 11F U41 24 HC$ 1.00 MF$ 0.50

STEEL, DEFECTS(MATERIALS)
MECHANISMS OF ENVIRONMENT INDUCED SUBCRITICAL FLAW GROWTH IN AISI 4340 STEEL.
AD-641 687 11F T66 24 HC$ 1.00 MF$ 0.50

STEEL, ELECTROPLATING
A RADIOCHEMICAL INVESTIGATION OF THE MECHANISM OF FORMATION OF CYANIDE FILMS ON STEEL COMPONENTS IN ALKALI-CYANIDE ELECTROPLATING BATHS.
AD-641 663 7D T66 24 HC$ 3.60 MF$ 0.50

STEEL, HARDENING
EXPLOSIVE HARDENING OF IRON AND LOW-CARBON STEEL.
AD-453 981 13M U41 24 HC$ 3.00 MF$ 0.50

STEEL, MECHANICAL PROPERTIES
EFFECT OF STRAIN RATE ON THE YIELD STRESS OF STRUCTURAL STEELS.
PB-173 413 11F U41 24 HC$ 1.00 MF$ 0.50

STEEL, TRANSFORMATIONS
STRUCTURAL CHANGES IN HIGH-STRENGTH STEEL ASSOCIATED WITH STRESS CORROSION AND ITS RELATIONSHIP TO DELAYED FAILURE.
AD-462 843 11F U41 24 HC$ 1.00

STELLAR EVOLUTION
A REVIEW OF NUCLEAR ENERGY GENERATION IN STARS, AND SOME ASPECTS OF NUCLEOSYNTHESIS.
N66-33182 3B S04 19 HC$ 4.00 MF$ 0.75

DYNAMICS AND EVOLUTION OF CLOSE BINARY SYSTEMS.
N66-33379 3B S04 19 HC$ 3.00 MF$ 0.75

STELLAR MOTION
DESIGN OF AN AUTOMATED STELLAR PROPER MOTION MEASURING SYSTEM, 1 JULY 1965 - 30 JUNE 1966.
N66-33399 3A S04 19 HC$ 4.00 MF$ 1.00

STELLAR ROTATION
EFFECT OF NON-SYNCHRONOUS ROTATION ON CLOSE BINARY STARS.
N66-33368 3A S04 19 HC$ 1.00 MF$ 0.50

STELLAR STRUCTURE
STELLAR EVOLUTION - A SURVEY WITH ANALYTIC MODELS.
N66-33425 3B S04 19 HC$ 4.00 MF$ 1.00

STERILIZATION
STUDY AND DEVELOPMENT OF THE STERILIZABLE GEIGER- MULLER TUBE FINAL REPORT.
N66-32698 18D S04 19 HC$ 2.00 MF$ 0.50

INVESTIGATION OF THE RELIABILITY OF STERILE INSERTION TECHNIQUES FOR SPACECRAFT MONTHLY LETTER REPORT, 23 JUN. - 23 JUL. 1966.
N66-32965 13M S04 19 HC$ 2.00 MF$ 0.50

DESIGN STUDY OF HEAT STERILIZABLE SOLID ROCKET MOTORS FOR SPACE APPLICATION, VOLUME I FINAL REPORT, OCT. 19, 1965 - JAN. 9, 1966.
N66-33541 21H S04 19 HC$ 3.75 MF$ 1.50

STIFF STRUCTURE
TEST OF A LARGE-DIAMETER RING-STIFFENED CYLINDER SUBJECTED TO HYDROSTATIC PRESSURE.
N66-38411 20K S04 23 HC$ 1.00 MF$ 0.50

STOCHASTIC PROCESS
CHAIN SAMPLING INSPECTION PLANS - CHSP-0,4 AND CHSP-1, 4
TECHNICAL REPORT NO. N-24.
N66-37927 12A S04 23 HC$ 1.00 MF$ 0.50

STOCHASTIC PROCESSES, MONTE CARLO METHOD
A NOTE ON THE MAXIMUM SAMPLE EXCURSIONS OF STOCHASTIC APPROXIMATION PROCESSES.
AD-641 864 12A T66 24

STOCHASTIC PROCESSES, STABILITY
LIAPUNOV CRITERIA FOR WEAK STOCHASTIC STABILITY.
AD-641 862 12A T66 24

STOCHASTIC PROCESSES, THEORY
SOME ADDITIONAL THEOREMS FOR A NON-STATIONARY STOCHASTIC PROCESS WITH A CONTINUOUS, NON-RANDOM, TIME-DEPENDENT COMPONENT.
AD-485 338 12A U41 24 HC$ 4.60

STOL AIRCRAFT
BREGUET.941 - IDENTIFICATION, PERFORMANCE, FLIGHT QUALITIES.
N66-38360 1C S04 23 HC$ 3.25 MF$ 1.25

STORABLE PROPELLANT
EXPERIMENTAL ROCKET PERFORMANCE OF APOLLO STORABLE PROPELLANTS IN ENGINES WITH LARGE AREA RATIO NOZZLES.
N66-33454 21I S04 19 HC$ 2.00 MF$ 0.50

STORAGE BATTERIES, BATTERY CHARGERS
AUXILIARY ELECTRODE FOR CHARGE CONTROL OF SEALED NICKEL-CADMIUM BATTERIES.
AD-456 849 10C U41 24 HC$ 9.60

STORAGE, JET ENGINE FUELS
THERMAL STABILITY OF HYDROCARBON FUELS.
AD-641 419 21D T66 24 HC$ 6.00 MF$ 1.50

STORMS, ATMOSPHERIC SOUNDING
INFRASONIC OBSERVATION OF A SEVERE WEATHER SYSTEM.
AD-641 837 4B T66 24

STRAIN
AN EXTENSION OF PLANE STRAIN ANALYSIS.
N66-38422 20M S04 23 HC$ 1.00 MF$ 0.50

STRAIN GAUGE
RECORDING LEAF MOVEMENTS WITH A STRAIN GAUGE.
N66-33417 6C S04 19 HC$ 1.00 MF$ 0.50

INITIATION OF FAILURE MECHANISMS IN GLASS- RESIN COMPOSITES.
N66-33464 11D S04 19 HC$ 3.00 MF$ 0.75

STRAIN GAUGE BALANCE
RESIDUAL STRESSES IN 17-4 PH STEEL.
N66-38498 11F S04 23 HC$ 2.50 MF$ 0.75

STRAIN RATE
THE STRAIN RATE SENSITIVITY OF THE YIELD STRESS OF STEELS.
N66-33035 11F S04 19 HC$ 1.00 MF$ 0.50

STRANGE PARTICLES, PARTICLE TRAJECTORIES
HIGH ENERGY PHYSICS WITH EMPHASIS ON STRANGE PARTICLES.
AD-641 991 20H T66 24 HC$ 3.00 MF$ 0.75

STRESS ANALYSIS
AN EXTENSION OF PLANE STRAIN ANALYSIS.
N66-38422 20M S04 23 HC$ 1.00 MF$ 0.50

STRESS AND LOAD
ON CONICAL SHELLS OF LINEARLY VARYING THICKNESS SUBJECTED TO LATERAL NORMAL LOADS PROGRESS REPORT NO. 1.
N66-33375 20K S04 19 HC$ 2.00 MF$ 0.50

STRESS RUPTURE
METALLOGRAPHIC STUDY OF DISPERSION- STRENGTHENED ALLOYS AFTER FAILURE IN STRESS RUPTURE.
N66-33019 11F S04 19 HC$ 2.00 MF$ 0.50

STRESSES, CORROSION
STRUCTURAL CHANGES IN HIGH-STRENGTH STEEL ASSOCIATED WITH STRESS CORROSION AND ITS RELATIONSHIP TO DELAYED FAILURE.
AD-462 843 11F U41 24 HC$ 1.00

STRESSES, ENERGY
THE EFFECT OF INITIAL STRESS OR RESIDUAL STRESS ON ELASTIC ENERGY CALCULATIONS.
AD-641 859 8K T66 24

STRESSES, SANDWICH PANELS
STRESSES INDUCED IN A SANDWICH PANEL BY LOAD APPLIED AT AN INSERT.
AD-61 965 13M U41 24 HC$ 2.60

STRESSES, STRUCTURAL SHELLS
EXPERIMENTAL STUDY OF THIN CYLINDRICAL SHELLS UNDER LOCAL AXIAL LOADINGS.
AD-641 965 13M T66 24 HC$ 1.00 MF$ 0.50

STRESS(PSYCHOLOGY), PSYCHOMETRICS
PSYCHOPHYSIOLOGIC VARIABLES AS INDICATIONS OF EMOTIONAL STRESS.
AD-641 814 5J T66 24 HC$ 9.20 MF$ 2.75

STRONTIUM COMPOUNDS, OXIDES
REFRACTIVE INDEX OF STRONTIUM OXIDE.
AD-641 788 20B T66 24

STRUCTURAL BEAM
DYNAMIC STABILITY OF A UNIFORM FREE-FREE BEAM UNDER A GIMBALED THRUST OF PERIODICALLY VARYING MAGNITUDE.
N66-32786 20M S04 19 HC$ 2.50 MF$ 0.75

THE EIGENVALUE PROBLEM FOR BEAMS AND RECTANGULAR PLATES WITH LINEARLY VARYING IN-PLANE AND AXIAL LOAD.
N66-33025 20K S04 19 HC$ 2.00 MF$ 0.50

STRUCTURAL GEOLOGY, WESTERN EUROPE
ABYSSAL STRUCTURE OF THE BALTIC SHIELD ACCORDING TO GEOPHYSICAL INVESTIGATION DATA.
AD-641 754 8G T66 24 HC$ 1.00 MF$ 0.50

STRUCTURAL MATERIAL
STRUCTURAL APPLICATIONS FOR ADVANCED COMPOSITE MATERIALS.
N66-33172 20K S04 19 HC$ 1.00 MF$ 0.50

AN INVESTIGATION OF CERAMICS AS STRUCTURAL MATERIALS.
N66-38752 20K S04 23 HC$ 1.00 MF$ 0.50

COMPUTATION OF THE PRESSURE-TIME HISTORY OF A SONIC BOOM SHOCK WAVE ACTING ON A WINDOW GLASS IN A BUILDING.
N66-38754 20A S04 23 HC$ 2.50 MF$ 0.50

STRUCTURAL PARTS, RADIATION DAMAGE
EFFECTS OF NEUTRON IRRADIATION ON THE PROPERTIES OF REACTOR STRUCTURAL MATERIALS.
AD-433 152 18J U41 24 HC$ 1.60

STRUCTURAL PROPERTIES, BOLTS
CALIBRATION TEST OF A490 HIGH-STRENGTH BOLTS.
PB-173 405 13E U41 24 HC$ 1.00 MF$ 0.50

STRUCTURAL SHELLS, BUCKLING(MECHANICS)
EXPERIMENTAL AND THEORETICAL STUDIES ON BUCKLING OF CONICAL AND CYLINDRICAL SHELLS UNDER COMBINED LOADING.
AD-641 971 20K T66 24 HC$ 5.00 MF$ 1.00

STRUCTURAL SHELLS, STRESSES
EXPERIMENTAL STUDY OF THIN CYLINDRICAL SHELLS UNDER LOCAL AXIAL LOADINGS.
AD-641 965 13M T66 24 HC$ 1.00 MF$ 0.50

STRUCTURAL VIBRATION
RESPONSE OF PANELS TO OSCILLATING SHOCK WAVES.
N66-38727 1A S04 23 HC$ 3.00 MF$ 0.75

STRUCTURAL WEIGHT
STRUCTURAL SYSTEMS AND PROGRAM DECISIONS, VOLUME 2.
N66-33076 22B S04 19 HC$ 3.75 MF$ 1.50

SUBJECT INDEXING, PHYSICS
INDEXING PHYSICS RESEARCH PAPERS. COMMENTARY.
PB-173 461 5B U41 24 HC$ 1.10 MF$ 0.50

SUBLIMATION
SUBLIMATION PRESSURES OF REFRACTORY FLUORIDES.
N66-33392 7D S04 19 HC$ 1.00 MF$ 0.50

SUBLIMATION, CARBON DIOXIDE
SOLID CARBON-DIOXIDE SUBLIMATION AT AN AXISYMMETRIC STAGNATION POINT.
AD-641 420 20H T66 24

SUBMARINE HULLS, DEEP SUBMERGENCE
AN EXPLORATORY STUDY OF THE FEASIBILITY OF GLASS AND CERAMIC

PRESSURE VESSELS FOR NAVAL APPLICATIONS.
AD-641 875 13J T66 24 MC$ 2.00 MF$ 0.50

SUBMARINES, ABSORPTION
STABILIZATION OF MONETHANOLAMINE WITH COPPER SULFATE AND POTASSIUM IODIDE IN THE MARE ISLAND CO2 SCRUBBER.
AD-205 742 13J U41 24 MC$ 1.60

SUBSONIC SPEED
EFFECTS OF WING-FUSELAGE FLOW FIELDS ON MISSILE LOADS AT SUBSONIC SPEEDS.
N66-33314 1B S04 19 MC$ 1.00 MF$ 0.50

SUBSONIC AERODYNAMIC CHARACTERISTICS OF PYRAMIDAL RE-ENTRY SHAPES INCORPORATING VARIABLE GEOMETRY.
N66-33316 1A S04 19 MC$ 2.00 MF$ 0.50

STABILITY AND CONTROL CHARACTERISTICS AT LOW SUBSONIC SPEEDS OF AN AIRPLANE CONFIGURATION HAVING TWO TYPES OF VARIABLE-SWEEP WINGS.
N66-33319 1D S04 19 MC$ 3.00 MF$ 0.75

THE AERODYNAMIC CHARACTERISTICS OF SEVERAL THICK DELTA WINGS AT MACH NUMBERS TO 6 AND ANGLES OF ATTACK 50 DEG.
N66-33340 1A S04 19 MC$ 3.00 MF$ 0.75

SUBSONIC WIND TUNNEL
LOW-SUBSONIC WIND-TUNNEL AND FREE-FLIGHT DROP-TEST INVESTIGATION OF A PARAGLIDER CONFIGURATION HAVING LARGE TAPERED LEADING EDGES AND KEEL.
N66-39136 1A S04 23 MC$ 2.00 MF$ 0.50

SUCTION
EFFECTS OF BOUNDARY-LAYER SUCTION AND SPOILERS ON TRANSONIC FLUTTER DERIVATIVES FOR A MIDSPAN CONTROL SURFACE ON AN UPSWEPT WING.
N66-33315 1D S04 19 MC$ 2.00 MF$ 0.50

SUDDEN IONOSPHERIC DISTURBANCE (SID)
GEOMAGNETIC AND GEOELECTRIC OBSERVATIONS, 1964 (RAPID VARIATIONS).
N66-33118 3B S04 19 MC$ 4.00 MF$ 1.00

SULFATES, THERMOCHEMISTRY
HIGH TEMPERATURE PROPERTIES AND DECOMPOSITION OF INORGANIC SALTS. PART 1. SULFATES.
NBS-NSRDS-7 7D U41 24 MC$ 0.35 MF$ 0.50

SULFIDES, SUPERCONDUCTIVITY
THE OCCURRENCE OF SUPERCONDUCTIVITY IN SULFIDES, SELENIDES, TELLURIDES OF PT-GROUP METALS.
AD-641 793 20C T66 24

SULFUR
LIFE DETECTION SUBSYSTEM PROGRESS REPORT NO. 1.
N66-33444 6P S04 19 MC$ 3.00 MF$ 0.50

SULFUR, DETECTION
REPORT OF NRL PROGRESS.
PB-173 468 14B U41 24 MC$ 1.25 MF$ 0.50

SUNSPOT
SOLAR ACTIVITY CATALOGUE, VOLUME I - CATALOGUE OF SOLAR ACTIVITY DURING 1954 - 1956.
N66-33431 4A S04 19 MC$ 5.00 MF$ 1.25

SUPERCONDUCTING MAGNET
A SUPERCONDUCTING MAGNETIC BOTTLE.
N66-37811 20C S04 23 MC$ 1.00 MF$ 0.50

SUPERCONDUCTIVITY, BAND THEORY OF SOLIDS
ENERGY GAP IN SPHERICAL NUCLEI.
AD-641 782 20C T66 24

EXACT SOLUTION OF THE ONE-PARTICLE MODEL OF EXCHANGE SCATTERING IN SOLIDS.
AD-641 783 20C T66 24

SUPERCONDUCTIVITY, ELECTRONS
SUPERCONDUCTING STATE OF AN ELECTRON GAS IN A HOMOGENEOUS MAGNETIC FIELD.
AD-641 635 20C T66 24

SUPERCONDUCTIVITY, METAL FILMS
STUDIES OF FILMS IN THE SUPERCONDUCTIVE AND NORMAL PHASES.
AD-641 992 20C T66 24 MC$ 1.00 MF$ 0.50

SUPERCONDUCTIVITY, TRANSITION ELEMENTS
ELECTRON DENSITY AND ELECTRONIC PROPERTIES IN NOBLE-METAL TRANSITION ELEMENTS.
AD-641 795 20C T66 24

SUPERCONDUCTIVITY, TRANSITION TEMPERATURE
PRESSURE DEPENDENCE OF THE SUPERCONDUCTING TRANSITION TEMPERATURE OF URANIUM.
AD-641 803 20C T66 24

PRESSURE DEPENDENCE OF THE SUPERCONDUCTING TRANSITION TEMPERATURE OF VANADIUM AND NIOBIUM.
AD-641 812 20C T66 24

SUPERCONDUCTORS, BAND THEORY OF SOLIDS
DEPAIRING EFFECTS IN ROTATING SUPERCONDUCTORS.
AD-641 778 20C T66 24

SUPERCONDUCTORS, CRYOGENICS
RESISTANCE IN THE INTERMEDIATE STATE OF TYPE I SUPERCONDUCTORS.
AD-641 759 20C T66 24

NONLINEAR FLUX FLOW IN TYPE-II SUPERCONDUCTORS.
AD-641 761 20C T66 24

SUPERCONDUCTORS, HEAT TRANSFER
ENTROPY TRANSPORT BETWEEN TWO SUPERCONDUCTORS BY ELECTRON TUNNELING.
AD-641 781 20C T66 24

SUPERCONDUCTORS, PLATINUM COMPOUNDS
THE OCCURRENCE OF SUPERCONDUCTIVITY IN SULFIDES, SELENIDES, TELLURIDES OF PT-GROUP METALS.
AD-641 793 20C T66 24

SUPERCONDUCTORS, REVIEWS
SUPERCONDUCTIVE MATERIALS AND SOME OF THEIR PROPERTIES.
NBS-TN-408 20L U41 24 MC$ 0.45 MF$ 0.75

SUPERCONDUCTORS, TRANSITION TEMPERATURE
EFFECT OF THE SUHL-ABRIKOSOV RESONANCE ON THE TRANSITION TEMPERATURE OF SUPERCONDUCTORS.
AD-641 775 20C T66 24

SUPERCONDUCTING TRANSITION TEMPERATURES OF MERCURY-ALKALINE EARTH METAL COMPOUNDS.
AD-641 799 20C T66 24

SUPERCONDUCTIVITY IN THE ALLOY SYSTEM CADMIUM-MERCURY AND THE EFFECT OF ORDERING UPON SUPERCONDUCTIVITY.
AD-641 802 20C T66 24

SUPERCONDUCTORS, TUNGSTATES
SUPERCONDUCTIVITY OF BARIUM TUNGSTEN BRONZE.
AD-641 789 20C T66 24

SUPERNOVAE, COSMIC RAYS
A HEURISTIC MODEL FOR THE VARIATION WITH RIGIDITY OF THE COSMIC-RAY CHARGE SPECTRUM.
AD-641 687 3B T66 24

SUPERSONIC AIRCRAFT
SUPERSONIC TRANSPORT LUBRICATION SYSTEM INVESTIGATION THIRD SEMIANNUAL REPORT, 1 NOV. 1965 - 1 MAY 1966.
N66-32922 13I S04 19 MC$ 3.00 MF$ 1.00

ADDITIONAL EXPERIMENTS WITH FLAT-TOP WING- BODY COMBINATIONS AT HIGH SUPERSONIC SPEEDS.
N66-33312 1A S04 19 MC$ 3.00 MF$ 0.50

STABILITY AND CONTROL CHARACTERISTICS AT LOW SUBSONIC SPEEDS OF AN AIRPLANE CONFIGURATION HAVING TWO TYPES OF VARIABLE-SWEEP WINGS.
N66-33319 1D S04 19 MC$ 3.00 MF$ 0.75

FLIGHT MEASUREMENTS OF SOME OF THE FLYING QUALITIES AND STABILITY DERIVATIVES OF A SUPERSONIC FIGHTER AIRPLANE.
N66-34078 1B S04 19 MC$ 2.50 MF$ 0.75

SOME CONSIDERATIONS REGARDING THE APPLICATION OF THE SUPERSONIC AREA RULE TO THE DESIGN OF AIRPLANE FUSELAGES.
N66-34080 1C S04 19 MC$ 2.00 MF$ 0.50

A NUMERICAL TECHNIQUE FOR ANALYSIS OF WAVE DRAG AT LIFTING CONDITIONS.
N66-38407 1A S04 23 MC$ 1.00 MF$ 0.50

SUPERSONIC FLOW
A STUDY OF SECONDARY INJECTION OF GASES INTO A SUPERSONIC FLOW.
N66-32724 20D S04 19 MC$ 2.50 MF$ 0.75

FLUTTER OF MULTIPLE-STREAMWISE BAY RECTANGULAR PANELS AT LOW SUPERSONIC MACH NUMBER.
N66-33024 20K S04 19 MC$ 2.00 MF$ 0.50

INVESTIGATION OF HIGH-ANGLE-OF-ATTACK PERFORMANCE OF A 14 DEG RAMP-TYPE INLET IN VARIOUS CIRCUMFERENTIAL BODY LOCATIONS, MACH NUMBER RANGE 1.5 TO 2.0.
N66-33339 1A S04 19 MC$ 2.00 MF$ 0.50

ANALYTICAL AND EXPERIMENTAL STUDY OF ALTITUDE COMPENSATION OF A ROCKET BY SECONDARY INJECTION.
N66-33496 21H S04 19 MC$ 2.50 MF$ 0.75

AN ANALYSIS OF SUPERSONIC FLOW PHENOMENA IN CONICAL NOZZLES BY A METHOD OF CHARACTERISTICS.
N66-33972 20D S04 19 MC$ 2.00 MF$ 0.50

AN INTEGRATED APPROACH TO THE ANALYSIS AND DESIGN OF WINGS AND WING-BODY COMBINATIONS IN SUPERSONIC FLOW.
N66-38749 1A S04 23 MC$ 1.00 MF$ 0.50

SUPERSONIC FLOW, COMBUSTION
RECENT RESEARCH IN SUPERSONIC COMBUSTION AT INTA.
AD-641 758 21B T66 24 MC$ 1.00 MF$ 0.50

SUPERSONIC FLOW, INJECTION
AN EXPERIMENTAL INVESTIGATION OF MIXING HIGH TEMPERATURE AIR WITH AMBIENT BYPASS AIR BY UPSTREAM INJECTION.
AD-641 712 20D T66 24 MC$ 2.00 MF$ 0.50

SUPERSONIC FLOW, TABLES
SUPERSONIC FLOW OF AIR AROUND CORNERS.
AD-641 343 20D T66 24 MC$ 1.00 MF$ 0.50

TABLES OF SUPERSONIC FLOWS ABOUT CONE CYLINDERS. PART II. COMPLETE FLOWS.
AD-641 349 20D T66 24 MC$ 25.20 MF$ 1.25

SUPERSONIC FLUTTER
FLUTTER INVESTIGATION AT A MACH NUMBER OF 7.2 OF MODELS OF THE HORIZONTAL-TAIL AND VERTICAL- TAIL SURFACES OF THE X-15 AIRPLANE.

N66-33356 29K S04 19 HC$ 2.00 MF$ 0.50

SUPERSONIC PRESSURE DISTRIBUTION
SUPERSONIC INVESTIGATION OF EFFECTS OF CONFIGURATION GEOMETRY ON PRESSURE-COEFFICIENT AND SECTION NORMAL-FORCE-COEFFICIENT DISTRIBUTIONS FOR A TWO-STAGE LAUNCH VEHICLE.
N66-33451 1A S04 19 HC$ 2.00 MF$ 0.50

SUPERSONIC SPEED
AERODYNAMIC CHARACTERISTICS OF A 60 DEGREE SWEPTBACK-WING AIRPLANE CONFIGURATION HAVING TAIL SURFACES LOCATED OUTBOARD OF THE WING TIPS AT MACH NUMBERS OF 2.30, 2.97, 3.51, AND 4.06.
N66-33321 1A S04 19 HC$ 3.00 MF$ 0.50

SUPERSONIC AERODYNAMIC CHARACTERISTICS OF TRIANGULAR PLAN-FORM MODELS AT ANGLES OF ATTACK TO 90 DEGREES.
N66-33324 1A S04 19 HC$ 2.00 MF$ 0.50

INVESTIGATION OF AERODYNAMIC CHARACTERISTICS OF AN AIRPLANE CONFIGURATION HAVING TAIL SURFACES OUTBOARD OF THE WING TIPS AT MACH NUMBERS OF 2.30, 2.97, AND 3.51.
N66-33331 1A S04 19 HC$ 2.50 MF$ 0.50

STABILITY AND CONTROL CHARACTERISTICS AT A MACH NUMBER OF 1.89 OF A LIGHTWEIGHT GLIDER REENTRY CONFIGURATION.
N66-33337 22C S04 19 HC$ 1.00 MF$ 0.50

FORCE AND PRESSURE-DISTRIBUTION INVESTIGATION TO HIGH ANGLES OF ATTACK ON ALL-MOVABLE TRIANGULAR AND RECTANGULAR WINGS IN COMBINATION WITH A BODY AT SUPERSONIC SPEEDS.
N66-33349 1A S04 19 HC$ 3.25 MF$ 1.25

EXPERIMENTALLY DETERMINED EFFECTS OF VARYING PITCH AND CONTROL STIFFNESSES ON THE FLUTTER CHARACTERISTICS AT SUPERSONIC SPEEDS OF ALL- MOVABLE WING AND TAIL MODELS.
N66-34084 1D S04 19 HC$ 2.00 MF$ 0.50

AERODYNAMIC CHARACTERISTICS OF TENSION SHELL SHAPES AT MACH 3.0.
N66-37677 1A S04 23 HC$ 2.00 MF$ 0.50

SUPERSONIC TRANSPORT
LOW-SPEED WIND-TUNNEL STUDIES RELATING TO PITCH-UP ON A SUPERSONIC TRANSPORT MODEL WITH A HIGH-ASPECT-RATIO VARIABLE SWEEP WING.
N66-33020 1C S04 19 HC$ 3.00 MF$ 0.75

AN EXPLORATORY INVESTIGATION OF A TRANSPORT CONFIGURATION DESIGNED FOR SUPERSONIC CRUISE FLIGHT NEAR A MACH NUMBER OF 3.
N66-33347 1A S04 19 HC$ 2.00 MF$ 0.50

A STUDY OF POTENTIAL ROLES OF SUPERSONIC TRANSPORT CREWS AND SOME IMPLICATIONS FOR THE FLIGHT DECK. VOLUME II - FEASIBLE AUTOMATED AND MANUAL IMPLEMENTATION CONCEPTS FOR SST ACTIVITIES AND FUNCTIONS. FINAL REPORT.
N66-38751 5H S04 23 HC$ 6.00 MF$ 3.00

SUPPORT SYSTEM
ANALYZATION, DESIGN, FABRICATION, AND TESTING OF A FOIL BEARING ROTOR SUPPORT SYSTEM FINAL TECHNICAL REPORT.
N66-32962 13I S04 19 HC$ 4.00 MF$ 0.75

ELECTRICAL REFERENCE HANDBOOK, LAUNCH EQUIPMENT BRANCH ELECTRICAL SUPPORT EQUIPMENT LC-39, VOLUME I.
N66-33865 22D S04 19 HC$ 7.00 MF$ 1.75

SURFACE COOLING
FEATURES OF FILM BOILING IN SURFACE WATER COOLING.
N66-33689 20M S04 19 HC$ 1.00 MF$ 0.50

SURFACE CRACK
DEVELOPMENT OF A RING BEAM WHEEL SURFACE WAVE SEARCH UNIT FINAL REPORT.
N66-38744 13M S04 23 HC$ 3.00 MF$ 0.75

SURFACE DIFFUSION EFFECT
AN INSTRUMENT FOR THE RAPID MEASUREMENT OF SURFACE DEFORMATIONS OF A 210-FT RADIO TELESCOPE.
N66-39361 14B S04 23 HC$ 2.00 MF$ 0.50

SURFACE LAYER
SOME COMMENTS ON THE THE COMPOSITION OF THE MARTIAN SURFACE BY R. A. VAN TASSEL AND J. W. SALISBURY.
N66-37812 3B S04 23 HC$ 1.00 MF$ 0.50

SURFACE PRESSURE
PROCEEDINGS OF CONFERENCE ON THERMAL JOINT CONDUCTANCE.
N66-37806 20M S04 23 HC$ 4.00 MF$ 1.00

SURFACE PROPERTY
CHEMICAL ANALYSIS OF SURFACES USING ALPHA PARTICLES.
N66-33168 7D S04 19 HC$ 3.00 MF$ 0.75

SURFACE REACTION
PHOTOVOLTAIC EFFECT AND UTILIZATION OF PHOTOVOLTAIC CELLS - EFFECT OF SUB-THRESHOLD ELECTRON RADIATION ON SURFACE PROPERTIES OF GE P-V CELLS SECOND SEMIANNUAL REPORT, 1 NOV. 1965 - 31 MAY 1966.
N66-33388 10A S04 19 HC$ 2.00 MF$ 0.50

SURFACE ROUGHNESS
ROUGHNESS EFFECTS ON BOUNDARY-LAYER TRANSITION FOR BLUNT-LEADING-EDGE PLATES AT MACH 6.
N66-33015 1A S04 19 HC$ 2.00 MF$ 0.50

PRESSURE DISTRIBUTIONS DUE TO TWO-DIMENSIONAL FABRICATION-TYPE SURFACE ROUGHNESS ON AN OGIVE CYLINDER AT TRANSONIC SPEEDS.
N66-33447 1A S04 19 HC$ 3.00 MF$ 0.75

PRESSURE DRAGS DUE TO TWO-DIMENSIONAL FABRICATION-TYPE SURFACE ROUGHNESS ON AN OGIVE CYLINDER AT TRANSONIC SPEEDS.
N66-33449 1A S04 19 HC$ 3.00 MF$ 0.50

SURFACE TEMPERATURE
INVESTIGATION OF WALL SURFACE TEMPERATURE BEHIND A MOVING SHOCK WAVE.
N66-33678 20M S04 19 HC$ 1.00 MF$ 0.50

SURGERY, MOUTH
HISTOLOGIC RESPONSE OF BONE TO SECTIONING BY HIGH-SPEED ROTARY INSTRUMENTS.
AD-641 929 6E T66 24

SURVEYING, CORRECTIONS
ON CORRECTIONS FOR GRAVITY DURING LEVELING IN A HIGH-MOUNTAIN REGION.
AD-641 757 8E T66 24 HC$ 1.00 MF$ 0.50

SURVEYOR PROJECT
SPACE PROGRAMS SUMMARY NO. 37-40, VOLUME VI FOR THE PERIOD MAY 1 TO JUNE 30, 1966. SPACE EXPLORATION PROGRAMS AND SPACE SCIENCES.
N66-38506 22B S04 23 HC$ 2.50 MF$ 0.75

SURVIVAL KITS, SIGNALS
DEVELOPMENT OF MINIATURE SMOKE SIGNAL PACKAGE FOR INCLUSION IN SURVIVAL KITS.
AD-641 895 6G T66 24 HC$ 2.00 MF$ 0.50

SURVIVAL, PROBABILITY
BASIC SURVIVAL PROBABILITY EXPRESSIONS FOR AIR COMBAT MODELS.
AD-224 572 15G U41 24 HC$ 1.10

SWEPT WING
LOW-SPEED WIND-TUNNEL STUDIES RELATING TO PITCH-UP ON A SUPERSONIC TRANSPORT MODEL WITH A HIGH-ASPECT-RATIO VARIABLE SWEEP WING.
N66-33020 1C S04 19 HC$ 3.00 MF$ 0.75

EFFECTS OF WING-FUSELAGE FLOW FIELDS ON MISSILE LOADS AT SUBSONIC SPEEDS.
N66-33314 1B S04 19 HC$ 1.00 MF$ 0.50

STABILITY AND CONTROL CHARACTERISTICS AT LOW SUBSONIC SPEEDS OF AN AIRPLANE CONFIGURATION HAVING TWO TYPES OF VARIABLE-SWEEP WINGS.
N66-33319 1D S04 19 HC$ 3.00 MF$ 0.75

AN EXPERIMENTAL INVESTIGATION OF AERODYNAMIC EFFECTS OF AIRFOIL THICKNESS ON TRANSONIC FLUTTER CHARACTERISTICS.
N66-33326 1A S04 19 HC$ 2.00 MF$ 0.50

PRESSURE DISTRIBUTIONS ON A FLAT-PLATE DELTA WING SWEPT 65 DEG AT A MACH NUMBER OF 5.97 AT ANGLES OF ATTACK FROM 65 DEG TO 115 DEG AND ANGLES OF ROLL FROM 0 DEG TO 25 DEG AT A 90 DEG ANGLE OF ATTACK.
N66-33327 1A S04 19 HC$ 2.00 MF$ 0.50

SWEPTBACK TAIL SURFACE
TRANSONIC FLUTTER INVESTIGATION OF MODELS OF THE X-15 AIRPLANE HORIZONTAL TAIL.
N66-33329 1A S04 19 HC$ 2.00 MF$ 0.50

SWEPTBACK WING
AERODYNAMIC CHARACTERISTICS OF A 60 DEGREE SWEPTBACK-WING AIRPLANE CONFIGURATION HAVING TAIL SURFACES LOCATED OUTBOARD OF THE WING TIPS AT MACH NUMBERS OF 2.30, 2.97, 3.51, AND 4.06.
N66-33321 1A S04 19 HC$ 3.00 MF$ 0.50

SWIMMING, UNDERWATER TRACKING
THE DEVELOPMENT OF A SWIMMER TRACKING DEVICE.
AD-641 361 17A T66 24 HC$ 1.00 MF$ 0.50

SWITCH
DEVELOPMENT OF ELECTRICAL SWITCHGEAR FOR SPACE NUCLEAR ELECTRICAL SYSTEMS QUARTERLY PROGRESS REPORT NO. 6, MAR. 4 - JUN. 4, 1966.
N66-33505 9A S04 19 HC$ 2.50 MF$ 0.75

SWITCHING CIRCUITS, THEORY
ON ASYMPTOTIC ESTIMATES IN SWITCHING AND AUTOMATA THEORY.
AD-641 810 9B T66 24

SYMMETRICAL BODY
OPTIMAL CONDITIONS OF DECELERATING THE ROTATIONAL MOTION OF A SYMMETRIC BODY.
N66-33698 22A S04 19 HC$ 1.00 MF$ 0.50

SYMPOSIA, AIR FORCE RESEARCH
PROCEEDINGS OF THE ANNUAL AIR FORCE SCIENCE AND ENGINEERING SYMPOSIUM (13TH), 27-28-29 SEPTEMBER 1966, ARNOLD ENGINEERING DEVELOPMENT CENTER, ARNOLD AIR FORCE STATION, TENNESSEE. VOLUME I. UNCLASSIFIED, UNCONTROLLED DISTRIBUTION VOLUME.
AD-641 921 5A T66 24 HC$ 9.10 MF$ 2.75

PROCEEDINGS OF THE ANNUAL AIR FORCE SCIENCE AND ENGINEERING SYMPOSIUM (13TH), 27-28-29 SEPTEMBER 1966, ARNOLD ENGINEERING DEVELOPMENT CENTER, ARNOLD AIR FORCE STATION, TENNESSEE. VOLUME II. UNCLASSIFIED, UNCONTROLLED DISTRIBUTION VOLUME.
AD-641 922 5A T66 24 HC$ 9.55 MF$ 2.75

PROCEEDINGS OF THE ANNUAL AIR FORCE SCIENCE AND ENGINEERING SYMPOSIUM (13TH), 27-28-29 SEPTEMBER 1966, ARNOLD ENGINEERING DEVELOPMENT CENTER, ARNOLD AIR FORCE STATION, TENNESSEE. VOLUME III. UNCLASSIFIED, UNCONTROLLED

DISTRIBUTION VOLUME OF UNPRESENTED PAPERS.
AD-641 923 5A T66 24 HC$ 7.00 MF$ 1.50

SYMPOSIA, COMMUNICATION SATELLITES(ACTIVE)
MULTIPLE ACCESS TO A COMMUNICATION SATELLITE WITH A HARD-LIMITING REPEATER.
AD-465 789 22B U41 24 HC$ 6.00 MF$ 1.50

SYMPOSIA, HUMAN ENGINEERING
TENTH ANNUAL ARMY HUMAN FACTORS RESEARCH AND DEVELOPMENT CONFERENCE, 6-8 OCTOBER 1964, U. S. ARMY AVIATION CENTER, FORT RUCKER, ALABAMA.
AD-456 363 5E U41 24 HC$ 7.60

SYNCHROTRON RADIATION
THEORETICAL IDEAS CONCERNING X-RAY SOURCES.
N66-38739 20H S04 23 HC$ 1.00 MF$ 0.50

SYNTHESIS
HIGH TEMPERATURE STABLE CARBORANE ADHESIVES SECOND QUARTERLY PROGRESS REPORT, MAR. 21 - JUN. 20, 1966.
N66-33493 11A S04 19 HC$ 2.00 MF$ 0.50

DEVELOPMENT OF A HYDROCARBON-TYPE OF POLYMER WHICH POSSESSES THE CHARACTERISTICS REQUIRED FOR USE AS A BINDER FOR UNCOATED SPD FIRST QUARTERLY REPORT, MAY 10 - AUG. 10, 1966.
N66-37945 7C S04 23 HC$ 2.00 MF$ 0.50

SYSTEM FAILURE
A SURVEY OF ADAPTIVE COMPONENTS FOR USE IN FAILURE-FREE SYSTEMS SPECIAL TECHNICAL REPORT NO. 1.
N66-32716 9A S04 19 HC$ 1.00 MF$ 0.50

SYSTEMS ANALYSIS
REMOTE MAN-MACHINE CONTROL SYSTEM EVALUATION FINAL REPORT.
N66-32800 5H S04 19 HC$ 3.75 MF$ 1.25

SYSTEMS ENGINEERING
A COMPUTER PROGRAM FOR INVESTIGATING COMPUTER AND OPERATING SYSTEM TURN-AROUND FOR PROBLEMS EMPLOYING MULTIDIMENSIONAL ARRAYS.
N66-38708 9B S04 23 HC$ 2.00 MF$ 0.50

SYSTEMS ENGINEERING, COMPUTERS
CONVERT OLD OR NEW FORMAT PATCH TAPE TO SPLICE TAPE FORMAT (MATCH).
AD-422-112 9B U41 24 HC$ 1.10

SYSTEMS ENGINEERING, SHIPPING(MARINE)
SIMULATION ANALYSIS OF THE MARINE PORT-COMPLEX.
AD-641 700 15E T66 24 HC$ 3.00 MF$ 0.75

SYSTEMS ENGINEERING, TRANSPORTATION
ANALYSIS OF THE FUNCTIONS OF TRANSPORTATION A CONCEPTUAL FRAMEWORK.
PB-173 419 15E U41 24 HC$ 8.60 MF$ 2.25

S-BAND
ATMOSPHERIC TRACKING ERRORS AT S-BAND AND C-BAND FREQUENCIES.
N66-32942 17B S04 19 HC$ 2.00 MF$ 0.50

TABLE
GEOMAGNETIC AND GEOELECTRIC OBSERVATIONS, 1964 (RAPID VARIATIONS).
N66-33118 3B S04 19 HC$ 4.00 MF$ 1.00

ELECTRON DENSITIES AND SCALE HEIGHTS IN THE TOPSIDE IONOSPHERE - ALOUETTE I OBSERVATIONS OVER THE AMERICAN CONTINENTS, VOLUME I - NOVEMBER 1962 - JANUARY 1963.
N66-33197 4A S04 19 HC$ 5.50 MF$ 2.50

METEOROLOGICAL DATA REPORT, AEROBEE NASA 4.106 NP (9 MAY 1966).
N66-33391 4B S04 19 HC$ 2.00 MF$ 0.50

GEOMAGNETISM, MENAMBETSU 1960.
N66-33708 8N S04 19 HC$ 4.00 MF$ 1.00

SATELLITE SITUATION REPORT, VOLUME 6, NO. 14.
N66-33864 22C S04 19 HC$ 2.00 MF$ 0.50

IONOSPHERIC DATA FOR FEBRUARY 1966 FROM SALISBURY, SOUTH AUSTRALIA IONOSPHERIC DATA BULLETIN.
N66-37731 4A S04 23 HC$ 2.00 MF$ 0.50

IONOSPHERIC DATA FOR DECEMBER 1965 FROM WOOMERA, SOUTH AUSTRALIA.
N66-37784 4A S04 23 HC$ 2.00 MF$ 0.50

TACTICAL WARFARE, NUCLEAR WEAPONS
HUMAN FACTORS IN TACTICAL NUCLEAR COMBAT.
AD-463 787 15F U41 24 HC$ 3.00

TAIL SURFACE
INVESTIGATION OF AERODYNAMIC CHARACTERISTICS OF AN AIRPLANE CONFIGURATION HAVING TAIL SURFACES OUTBOARD OF THE WING TIPS AT MACH NUMBERS OF 2.30, 2.97, AND 3.51.
N66-33331 1A S04 19 HC$ 2.50 MF$ 0.50

FLUTTER INVESTIGATION AT A MACH NUMBER OF 7.2 OF MODELS OF THE HORIZONTAL-TAIL AND VERTICAL- TAIL SURFACES OF THE X-15 AIRPLANE.
N66-33350 20K S04 19 HC$ 2.00 MF$ 0.50

TAIWAN, POLITICAL SCIENCE
TAIWAN IN 1966.
AD-641 665 5D T66 24 HC$ 1.00 MF$ 0.50

TAKEOFF
VALIDATION OF A RESEARCH SIMULATOR FOR INVESTIGATING JET TRANSPORT HANDLING QUALITIES AND AIRWORTHINESS CRITERIA DURING TAKEOFF.
N66-38747 14B S04 23 HC$ 2.50 MF$ 0.50

TANTALUM
INVESTIGATION OF SOLUBILITY AND DIFFUSION OF OXYGEN IN REFRACTORY METALS SECOND QUARTERLY REPORT, 1 OCT. - 31 DEC. 1965.
N66-38755 11F S04 23 HC$ 2.00 MF$ 0.50

TAPES, POLYESTER PLASTICS
STANDARDS AND SPECIFICATIONS FOR MYLAR FAN-FOLDED PERFORATOR TAPE TO BE USED WITH THE AN/SRN-3 RADIO NAVIGATION SET.
AD-641 502 17G T66 24 HC$ 1.00 MF$ 0.50

TARGET RECOGNITION, ARMY TRAINING
COMBAT RECOGNITION REQUIREMENTS.
AD-641 850 5I T66 24 HC$ 10.60 MF$ 0.75

TARGET RECOGNITION, NAVAL TRAINING
NAVY RECOGNITION TRAINING.
AD-641 879 5I T66 24 HC$ 7.60 MF$ 0.75

TEACHING METHODS, CODING
A COMPARISON OF TWO METHODS OF TEACHING MORSE CODE.
AD-641 320 5I T66 24 HC$ 2.00 MF$ 0.50

TEACHING METHODS, TYPEWRITERS
A COMPARISON OF TWO METHODS OF TEACHING TYPEWRITING.
AD-641 321 5I T66 24 HC$ 2.00 MF$ 0.50

TECHNOLOGY
PROCEEDINGS OF SECOND CONFERENCE ON SOLAR SIMULATION RESEARCH.
N66-37826 14B S04 23 HC$ 6.00 MF$ 1.50

TEETH, TRYPTOPHAN
AN AUTORADIOGRAPHIC STUDY OF TRYPTOPHANE-H3 INCORPORATION INTO RAT ENAMEL AND DENTINE MATRICES.
AD-642 004 6E T66 24

TEKTITE
LUNAR STRUCTURES AS DEDUCED FROM MUONG NONG TEKTITES.
N66-32956 3B S04 19 HC$ 1.00 MF$ 0.50

INVESTIGATION OF INFRA-RED ABSORPTION AND LOW ANGLE X-RAY SCATTERING OF TEKTITES SEMIANNUAL STATUS REPORT, 1 DEC. 1965 - 30 JUN. 1966.
N66-33442 8G S04 19 HC$ 2.00 MF$ 0.50

TELECOMMUNICATION
RADIO WAVE PROPAGATION AND SATELLITE TRACKING ANNUAL SPECIAL REPORT, 1964-1965.
N66-33037 20N S04 19 HC$ 1.00 MF$ 0.50

TELEMETER SYSTEMS, GUIDED MISSILES
A THEORETICAL STUDY TO IMPROVE UTILIZATION OF MISSILE TELEMETRY SYSTEMS.
AD-468 425 9F U41 24 HC$ 3.00 MF$ 0.50

TELEMETERING DATA, RADIATION MEASUREMENT SYSTEMS
ANALYSIS OF ARGUS/EXPLORER IV RECORDS.
AD-463 240 18C U41 24 HC$ 4.00

TELEMETRY
TELEMETRY PROCESSING FOR NASA SCIENTIFIC SATELLITES.
N66-33013 9F S04 19 HC$ 1.00 MF$ 0.50

FEASIBILITY BREADBOARD OF AN ALL-MAGNETIC PCM TELEMETRY SYSTEM.
N66-38423 9F S04 23 HC$ 2.00 MF$ 0.50

TELEVISION COMMUNICATION SYSTEMS, METEOROLOGICAL SATELLITES
LINE SCAN TELEVISION FOR EARTH OBSERVATION SATELLITES.
AD-641 901 17B T66 24 HC$ 2.00 MF$ 0.50

TELEVISION DISPLAY SYSTEMS, MAPS
STUDIES IN DISPLAY SYMBOL LEGIBILITY. PART XIV. THE LEGIBILITY OF MILITARY MAP SYMBOLS ON TELEVISION.
AD-641 658 5E T66 24 HC$ 2.00 MF$ 0.50

TELEVISION DISPLAY SYSTEMS, VISIBILITY
STUDIES OF DISPLAY SYMBOL LEGIBILITY. PART XV. RELATIVE LEGIBILITY OF LEROY AND TELETYPEWRITER SYMBOLS.
AD-641 926 5E T66 24 HC$ 3.00 MF$ 0.75

TELEVISION EQUIPMENT, NUCLEAR EXPLOSIONS
TELEVISION SYSTEM STUDY FOR NUCLEAR ACCIDENT RECOVERY. PHASE I.
EGG-1183-1210 18I U41 24 HC$ 5.00 MF$ 1.00

TELLURIDES, SUPERCONDUCTIVITY
THE OCCURRENCE OF SUPERCONDUCTIVITY IN SULFIDES, SELENIDES, TELLURIDES OF PT-GROUP METALS.
AD-641 793 20C T66 24

TEMPERATURE CONTROL
PROCEEDINGS OF CONFERENCE ON ACTIVE TEMPERATURE CONTROL.
N66-32946 20M S04 19 HC$ 2.50 MF$ 0.75

RESEARCH ON A SELF-TEMPERATURE REGULATING SPACECRAFT SKIN SYSTEM PROGRESS REPORT, DEC. 1, 1965 - MAY 31, 1966.
N66-34070 22B S04 19 HC$ 2.00 MF$ 0.50

PROCEEDINGS OF CONFERENCE ON SPACECRAFT COATINGS DEVELOPMENT.
N66-37814 20M S04 23 HC$ 5.00 MF$ 1.25

TEMPERATURE CONTROL, FURNACES
STABILISATEURS DE TENSION POUR FOURS A HAUTE TEMPERATURE (VOLTAGE STABILIZATORS FOR HIGH TEMPERATURE FURNACE).

PB-173 483 13A U41 24 HC$ 1.00 MF$ 0.50

TEMPERATURE EFFECT
INSTRUMENT SYSTEM FOR DETERMINING TEMPERATURE EFFECTS ON MAXIMUM INDUCTION OF MAGNETIC MATERIALS.
N66-33969 20M S04 19 HC$ 1.00 MF$ 0.50

TEMPERATURE INDICATOR
DEVELOPMENT OF A FAST RESPONSE TEMPERATURE GAGE FOR ROCKET VEHICLE PLUMBING SYSTEMS FINAL REPORT, 24 JUN. 1964 - 24 JUN. 1965.
N66-37909 14B S04 23 HC$ 3.00 MF$ 0.75

TEMPERATURE MEASUREMENT
TEMPERATURE AND DENSITY MEASUREMENTS IN THE BASE REGION OF A CLUSTERED ROCKET MODEL USING AN ELECTRON BEAM TECHNIQUE.
N66-34045 21M S04 19 HC$ 4.00 MF$ 1.00

RADIATION TEMPERATURE MEASUREMENTS OF THE NITROGEN AFTERGLOW PLASMA.
N66-34074 20I S04 19 HC$ 1.00 MF$ 0.50

TENSION
LONGITUDINAL AERODYNAMIC CHARACTERISTICS OF A TENSION SHELL ENTRY CONFIGURATION AT MACH 28.
N66-33452 1A S04 19 HC$ 2.00 MF$ 0.50

TENSOR FIELD
ON LINEAR PRODUCT CODES AND THEIR DUALS SCIENTIFIC REPORT NO. 4.
N66-38731 12A S04 23 HC$ 5.00 MF$ 1.25

TERMINAL GUIDANCE, AZIMUTH
VOR LOCALIZER (VORLOC).
AD-641 962 17G T66 24 HC$ 1.00 MF$ 0.50

TERRAIN
VAPOUR CONCENTRATIONS AND DOSES DOWNWIND FROM A TERRAIN, CONTAMINATED WITH A PERSISTENT AGENT.
N66-38347 13B S04 23 HC$ 1.00 MF$ 0.50

TERRAIN, RHEOLOGY
GRAVITATIONAL DEVELOPMENT OF SLOPES.
AD-641 755 8F T66 24 HC$ 1.00 MF$ 0.50

TERRESTRIAL MAGNETISM, MOON
THREE PEAKS NEAR 27 DAYS IN A HIGH-RESOLUTION SPECTRUM OF THE INTERNATIONAL MAGNETIC CHARACTER FIGURE, CI.
AD-641 350 8N T66 24

TEST CONSTRUCTION(PSYCHOLOGY), ANALYSIS
SEQUIN - A COMPUTERIZED ITEM SELECTION PROCEDURE.
AD-641 813 5J T66 24 HC$ 2.00 MF$ 0.50

TEST EQUIPMENT
A STUDY OF THE ADHESION AND COHESION OF METALS FOURTH QUARTERLY PROGRESS REPORT, 9 MAR. - 9 JUN. 1966.
N66-32795 11F S04 19 HC$ 1.00 MF$ 0.50

TEST EQUIPMENT(ELECTRONICS), CALIBRATION
OSCILLOSCOPE PREAMPLIFIER MX-2721, MX-2930A, MX-2930B, 162A, 162B, 162C, MO1-162A, MO2-162A, MO2-162B (HEWLETT-PACKARD) 1804A-2 (KICKOK).
PB-173 339 14B U41 24 HC$ 2.00 MF$ 0.50

OSCILLOSCOPE 130A OR 130B (HEWLETT-PACKARD).
PB-173 449 14B U41 24 HC$ 1.00 MF$ 0.50

RF SIGNAL GENERATOR SETS, AN/URM-25, AN/URM-25A, AN/URM-25B.
PB-173 450 9C U41 24 HC$ 1.00 MF$ 0.50

TEST FACILITIES, REENTRY VEHICLES
STUDY OF RADIATION HEAT FLUX FROM HIGH PRESSURE AIR ARCS.
AD-454 992 20M U41 24 HC$ 16.40

TEST FACILITY
VARIABLE DYNAMIC FORCE VECTOR ROCKET TEST APPARATUS.
N66-33424 14B S04 19 HC$ 1.00 MF$ 0.50

RANKINE CYCLE TEST FACILITY STUDY - TECHNICAL DATA FINAL REPORT.
N66-33975 18B S04 19 HC$ 5.54 MF$ 2.50

POTASSIUM CORROSION TEST LOOP DEVELOPMENT QUARTERLY PROGRESS REPORT NO. 10, 15 OCT. 1965 - 15 JAN. 1966.
N66-38146 14B S04 23 HC$ 2.00 MF$ 0.50

TEST FIRING
AN EXPERIMENTAL EVALUATION OF 100-LB-THRUST ABLATIVELY COOLED ROCKET ENGINES.
N66-37805 21M S04 23 HC$ 2.00 MF$ 0.50

N66-38503 21M S04 23 HC$ 2.00 MF$ 0.50

TEST PROGRAM
TEST PROGRAM ON THIN-WALLED TUBES WITH ZERO THERMAL GRADIENT FINAL REPORT.
N66-33572 20K S04 19 HC$ 3.25 MF$ 1.25

A FEASIBILITY INVESTIGATION CONCERNING THE SIMULATION OF SONIC BOOM BY BALLISTIC MODELS.
N66-38421 1A S04 23 HC$ 2.50 MF$ 0.75

DEVELOPMENT OF HIGH-PERFORMANCE LIGHT-WEIGHT ELECTRODES FOR HYDROGEN-OXYGEN FUEL CELLS FOURTH QUARTERLY REPORT, 6 JAN. - 5 APR. 1966.
N66-38490 10A S04 23 HC$ 2.50 MF$ 0.50

RANGER BLOCK III ATTITUDE CONTROL SYSTEM - MANUFACTURING, TESTING, AND PERFORMANCE.
N66-38501 22B S04 23 HC$ 3.00 MF$ 0.75

PROCUREMENT AND DEVELOPMENT PROGRAM FOR NICKEL-CADMIUM CELLS TO SPECIFICATION S-615-P-2 TECHNICAL STATUS REPORT NO. 12, MAY 25 - AUG. 26, 1966.
N66-38706 10C S04 23 HC$ 1.00 MF$ 0.50

TEST REACTOR
RESULTS AND INTERPRETATION OF SPECIAL INDICES MEASUREMENTS MADE WITH AQUILON.
N66-38120 18J S04 23 HC$ 3.00 MF$ 0.50

TEST SETS, CALIBRATION
RADIO FREQUENCY POWER TEST SET AN/USM-96.
PB-173 485 14B U41 24 HC$ 1.00 MF$ 0.50

TETRACYCLINES, RETICULO-ENDOTHELIAL SYSTEM
EFFECT OF SINGLE AND REPEATED TETRACYCLINE ADMINISTRATION ON THE PHAGOCYTIC FUNCTION OF RETICULENDOTHELIAL SYSTEMS.
AD-641 749 6O T66 24 HC$ 1.00 MF$ 0.50

TEXAS, CIVIL ENGINEERING
COMPARISON OF AASHO AND TEXAS TEST METHODS AND SPECIFICATIONS FOR FLEXIBLE BASE MATERIALS.
PB-173 368 11G U41 24 HC$ 8.60 MF$ 0.75

CHANNELIZATION.
PB-173 417 13B U41 24 HC$ 3.00 MF$ 0.75

TEXTILES, IMPACT SHOCK
RESPONSE ON NON-WOVEN SYNTHETIC FIBER TEXTILES TO BALLISTIC IMPACT.
AD-641 433 11E T66 24 HC$ 4.00 MF$ 0.75

TEXTILES, QUALITY CONTROL
POINT SYSTEM FOR EVALUATING QUALITY IN TEXTILES.
AD-641 496 11E T66 24 HC$ 4.00 MF$ 0.75

THALLIUM, MOLECULAR BEAMS
ON THE NATURAL SHIFT OF A RESONANCE FREQUENCY.
NBS-TN-346 7D U41 24 HC$ 0.25 MF$ 0.50

THEOREMS, ALGEBRAIC TOPOLOGY
FINAL TECHNICAL REPORT, JULY 1, 1965 TO JUNE 30, 1966.
AD-641 853 12A T66 24 HC$ 1.00 MF$ 0.50

THEOREMS, ALGEBRAS
FACTORIZATION THEOREMS FOR BANACH ALGEBRAS.
AD-641 464 12A T66 24

THEOREMS, APPROXIMATION(MATHEMATICS)
AN ELEMENTARY PROOF OF JACKSON S THEOREM ON MEAN-APPROXIMATION.
AD-641 741 12A T66 24

THEOREMS, CALCULUS OF VARIATIONS
SUFFICIENT CONDITIONS FOR GLOBAL EXTREMA IN THE CALCULUS OF VARIATIONS.
AD-641 453 12A T66 24

THEOREMS, FUNCTIONS
COVERING THEOREMS FOR UNIVALENT FUNCTIONS.
AD-641 512 12A T66 24

EXPANSION THEOREM FOR FUNCTIONS OF OPERATORS.
AD-641 552 20J T66 24

THEOREMS, OPERATORS(MATHEMATICS)
OPERATOR REPRESENTATION THEOREMS.
AD-641 704 12A T66 24

THEOREMS, PARTIAL DIFFERENTIAL EQUATIONS
COMPARISON THEOREMS FOR ELLIPTIC DIFFERENTIAL EQUATIONS.
AD-641 529 12A T66 24

THEOREMS, SERIES
A THEOREM OF LITTLEWOOD AND LACUNARY SERIES FOR COMPACT GROUPS.
AD-641 466 12A T66 24

THEORETICAL PHYSICS
INTERMEDIATE ENERGY PHYSICS, VOLUME I.
N66-32726 20H S04 19 HC$ 5.65 MF$ 2.50

DIFFERENT SCREENING CONSTANTS FOR DIFFERENT PHYSICAL PROPERTIES, I.
N66-33380 20J S04 19 HC$ 2.00 MF$ 0.50

HIGHER-ORDER STATIONARY PHASE APPROXIMATIONS IN SEMICLASSICAL SCATTERING.
N66-33384 20H S04 19 HC$ 2.00 MF$ 0.50

THERMAL ABSORPTION
TEST PROGRAM ON THIN-WALLED TUBES WITH ZERO THERMAL GRADIENT FINAL REPORT.
N66-33572 20K S04 19 HC$ 3.25 MF$ 1.25

THERMAL BOUNDARY LAYER
AN UNSTEADY THERMAL LAMINAR BOUNDARY LAYER ON A SEMI-INFINITE PLATE IN A VISCOUS FLOW.
N66-33724 20D S04 19 HC$ 1.00 MF$ 0.50

THERMAL CONDUCTOR
PROCEEDINGS OF CONFERENCE ON THERMAL JOINT CONDUCTANCE.
N66-37886 20H S04 23 HC$ 4.00 MF$ 1.00

THERMAL CONVECTION
RELATIONSHIPS BETWEEN TROPICAL PRECIPITATION AND KINEMATIC CLOUD MODELS FINAL TECHNICAL REPORT, 15 AUG. 1965 - 14 FEB. 1966.
N66-38328 4A S04 23 HC$ 2.00 MF$ 0.50

THERMAL CYCLING
STUDY OF FAILURE AND RELIABILITY IN MICROELECTRONIC DEVICES THIRD QUARTERLY REPORT.
N66-32763 9A S04 19 HC$ 2.00 MF$ 0.50

STUDY OF FAILURE AND RELIABILITY IN MICROELECTRONICS DEVICES SECOND QUARTERLY REPORT,
N66-32765 9A S04 19 HC$ 2.00 MF$ 0.50

THERMAL CYCLING OF THIN-FILM CADMIUM SULFIDE SOLAR CELLS.
N66-37674 10A S04 23 HC$ 1.00 MF$ 0.50

THERMAL DISSOCIATION
STUDY OF THE PROPAGATION PROCESS OF A REACTION IN SOLID PHASES.
N66-33682 20L S04 19 HC$ 2.00 MF$ 0.50

THERMAL EFFECT
AN EXPERIMENTAL AND THEORETICAL INVESTIGATION OF THE THERMAL CONTACT RESISTANCE FINAL REPORT.
N66-32804 20M S04 19 HC$ 2.50 MF$ 0.75

THERMAL EMISSION
PROCEEDINGS OF CONFERENCE ON SPACECRAFT COATINGS DEVELOPMENT.
N66-37814 20M S04 23 HC$ 5.00 MF$ 1.25

THERMAL ENVIRONMENT
AN ANALOG STUDY OF THE PASSIVE THERMAL BEHAVIOR OF AN ORBITING SPACE STATION.
N66-38414 22A S04 23 HC$ 2.00 MF$ 0.50

THERMAL INSULATION, THERMAL CONDUCTIVITY
THERMAL CONDUCTIVITY OF Q-FELT INSULATION AT ELEVATED TEMPERATURES.
AD-455 328 11G U41 24 HC$ 10.60

THERMAL PROTECTION
THERMAL PROTECTION SYSTEMS. ASPECTS OF THERMAL PROTECTION OF INTEREST TO NASA AND THE RELATED MATERIALS R AND D REQUIREMENTS.
N66-33352 22B S04 19 HC$ 3.75 MF$ 1.25

DEVELOPMENT OF THERMAL CONTROL COATINGS FOR SPACE VEHICLES.
N66-33378 20M S04 19 HC$ 1.00 MF$ 0.50

THERMAL RADIATION
PROCEEDINGS OF CONFERENCE ON ACTIVE TEMPERATURE CONTROL.
N66-32946 20M S04 19 HC$ 2.50 MF$ 0.75

THERMAL RADIATION, NUCLEAR EXPLOSIONS
TRANSMISSIVITY OF THE ATMOSPHERE FOR THERMAL RADIATION FROM NUCLEAR WEAPONS.
AD-641 481 18C T66 24 HC$ 2.00 MF$ 0.50

THERMAL RADIATION, TEST FACILITIES
STUDY OF RADIATION HEAT FLUX FROM HIGH PRESSURE AIR ARCS.
AD-454 992 20M U41 24 HC$ 10.40

THERMAL STRESS
DYNAMIC BEHAVIOR OF SHELLS UNDER THERMAL STRESS SCIENTIFIC REPORT.
N66-33595 20K S04 19 HC$ 4.00 MF$ 0.75

THERMIONIC CONVERTERS, DIODES
OPTIMUM ELECTRODE CAVITIES FOR THERMIONIC ENERGY CONVERTERS.
AD-641 432 10B T66 24 HC$ 3.00 MF$ 0.75

THERMIONIC DIODE
PRESSURE MEASURING SYSTEMS FOR FOR CLOSED CYCLE LIQUID METAL FACILITIES NINTH QUARTERLY REPORT, MAR. 1 - MAY 31, 1966.
N66-38106 14B S04 23 HC$ 2.50 MF$ 0.50

THERMIONIC EMISSION
DIFFUSION AND ELECTRON EMISSION PROPERTIES OF DUPLEX REFRACTORY METAL THERMIONIC EMITTERS.
N66-33023 11F S04 19 HC$ 2.00 MF$ 0.50

THERMISTORS, ELECTRIC CONNECTORS
COAXIAL THERMISTOR MOUNTS WITH TYPE N CONNECTORS.
PB-173 517 14B U41 24 HC$ 3.00 MF$ 0.65

THERMOCHEMISTRY, SULFATES
HIGH TEMPERATURE PROPERTIES AND DECOMPOSITION OF INORGANIC SALTS. PART 1. SULFATES,
NBS-NSRDS-7 7D U41 24 HC$ 0.35 MF$ 0.50

THERMOCONDUCTIVITY
THERMOPHYSICAL PROPERTIES MEASUREMENTS PERFORMED FOR NASA.
N66-32723 20M S04 19 HC$ 1.00 MF$ 0.50

THE EFFECT OF DEFECTS ON THE BASAL PLANE THERMAL CONDUCTIVITY OF A GRAPHITE CRYSTAL. PART I - THEORY.
N66-33110 18K S04 19 HC$ 1.00 MF$ 0.50

THERMAL CONTACT CONDUCTANCE IN A VACUUM ENVIRONMENT.
N66-33408 20M S04 19 HC$ 4.00 MF$ 0.75

EXPERIMENTAL INVESTIGATIONS OF SOLID NITROGEN FORMED BY CRYOPUMPING.
N66-33982 20M S04 19 HC$ 2.00 MF$ 0.50

EVALUATION OF HIGH-TEMPERATURE GAS TRANSPORT PROPERTIES FINAL SUMMARY REPORT.
N66-38145 20M S04 23 HC$ 3.00 MF$ 1.00

THERMOCOUPLE
ON THE USE OF THERMOPILES FOR ABSOLUTE RADIOMETRY IN THE FAR ULTRAVIOLET.
N66-33178 20F S04 19 HC$ 2.00 MF$ 0.50

SMALL PLASMA PROBES WITH GUARD RINGS AND THERMOCOUPLES.
N66-37684 20I S04 23 HC$ 1.00 MF$ 0.50

THERMODYNAMIC PROPERTY
THERMODYNAMIC, TRANSPORT, AND FLOW PROPERTIES FOR THE PRODUCTS OF METHANE BURNED IN OXYGEN-ENRICHED AIR.
N66-37802 21B S04 23 HC$ 2.50 MF$ 0.75

THERMOELECTRIC MATERIAL
THERMOELECTRIC BONDING STUDY QUARTERLY PROGRESS REPORT, 1 APR. - 30 JUN. 1966.
N66-38792 13H S04 23 HC$ 2.00 MF$ 0.50

THERMOELECTRICITY
MEASUREMENTS OF THE INTENSITY OF TURBULENCE IN A GAS FLOW BY THE THERMOELECTRIC METHOD.
N66-33686 20D S04 19 HC$ 1.00 MF$ 0.50

THERMOPHYSICAL PROPERTY
THERMOPHYSICAL PROPERTIES MEASUREMENTS PERFORMED FOR NASA.
N66-32723 20M S04 19 HC$ 1.00 MF$ 0.50

THERMOSTAT
RESEARCH ON A SELF-TEMPERATURE REGULATING SPACECRAFT SKIN SYSTEM PROGRESS REPORT, DEC. 1, 1965 - MAY 31, 1966.
N66-34078 22B S04 19 HC$ 2.00 MF$ 0.50

THICKNESS RATIO
ON CONICAL SHELLS OF LINEARLY VARYING THICKNESS SUBJECTED TO LATERAL NORMAL LOADS PROGRESS REPORT NO. 1.
N66-33375 20K S04 19 HC$ 2.00 MF$ 0.50

THIN FILM
ELECTRON DIFFRACTION STUDY OF THE OXIDATION PROCESS OF THIN FILMS OF INTERMETALLIC COMPOUNDS OF THE SYSTEM NICKEL-ALUMINUM.
N66-33704 11F S04 19 HC$ 1.00 MF$ 0.50

THERMAL CYCLING OF THIN-FILM CADMIUM SULFIDE SOLAR CELLS.
N66-37674 10A S04 23 HC$ 1.00 MF$ 0.50

COMPUTER-AIDED ELECTRONIC CIRCUIT DESIGN, CONDUCTION PROCESSES IN THIN FILMS STATUS REPORT, 1 DEC. 1965 - 31 MAY 1966.
N66-37981 9C S04 23 HC$ 2.00 MF$ 0.50

FEASIBILITY STUDY OF THIN FILM TUNNEL CATHODES.
N66-38753 9A S04 23 HC$ 2.00 MF$ 0.50

THIN PLATE
EFFECT OF TARGET MATERIAL YIELD STRENGTH ON HYPERVELOCITY PERFORATION AND BALLISTIC LIMIT.
N66-33369 20K S04 19 MF$ 0.50

THIN WALL
TEST PROGRAM ON THIN-WALLED TUBES WITH ZERO THERMAL GRADIENT FINAL REPORT.
N66-33572 20K S04 19 HC$ 3.25 MF$ 1.25

THIN WALLED SHELL
DYNAMIC BEHAVIOR OF SHELLS UNDER THERMAL STRESS SCIENTIFIC REPORT.
N66-33595 20K S04 19 HC$ 4.00 MF$ 0.75

THERMAL DISTORTIONS OF THIN-WALLED PARABOLOIDAL SHELLS.
N66-33970 20K S04 19 HC$ 2.00 MF$ 0.50

THIOUREA, COMPLEX COMPOUNDS
FURTHER EVIDENCE FOR A MAGNETIC TRANSITION IN MNCL2. (NH2)2CS)4,
AD-641 550 20L T66 24

MAGNETIC TRANSITION IN THIOUREA-COORDINATED COBALT CHLORIDE.
AD-641 551 20L T66 24

THOR LAUNCH VEHICLE
AN EXPERIMENTAL AND ANALYTICAL STUDY OF THE LONGITUDINAL VIBRATION OF A SIMPLIFIED THOR VEHICLE STRUCTURE.
N66-38140 22D S04 23 HC$ 2.00 MF$ 0.50

THREE-DIMENSIONAL MOTION
EXPERIMENTAL TRANSIENT THREE-DIMENSIONAL HEAT TRANSFER ANALYSIS.
N66-32715 20M S04 19 HC$ 2.50 MF$ 0.75

THRESHOLD DETECTOR
LOW POWER NANOSECOND PULSE AND LOGIC CIRCUITS USING TUNNEL DIODES.
N66-33967 9A S04 19 HC$ 1.00 MF$ 0.50

THRUST AUGMENTATION
ANALYTICAL AND EXPERIMENTAL STUDY OF ALTITUDE COMPENSATION OF A ROCKET BY SECONDARY INJECTION.
N66-33496 21M S04 19 HC$ 2.50 MF$ 0.75

THRUST LOADING
DYNAMIC STABILITY OF A UNIFORM FREE-FREE BEAM UNDER A GIMBALED THRUST OF PERIODICALLY VARYING MAGNITUDE.
N66-32786 20M S04 19 HC$ 2.50 MF$ 0.75

THRUSTOR
MEASURED PERFORMANCE OF WATER VAPOR JETS FOR SPACE VEHICLE ATTITUDE CONTROL SYSTEMS.
N66-32955 22B S04 19 HC$ 1.00 MF$ 0.50

THUNDERSTORM
THE IDENTIFICATION AND MOVEMENT OF MESO-SCALE THUNDERSTORM SYSTEMS.
N66-33119 4B S04 19 HC$ 2.00 MF$ 0.50

THYROID GLAND, INFECTIONS

ALTERATIONS IN THYROID PHYSIOLOGY DURING PNEUMOCOCCAL SEPTICEMIA IN THE RAT,
AD-641 840 6P T66 24

TICKS, REPRODUCTION(PHYSIOLOGY)
THE PROBLEM OF FERTILIZATION IN IXODES TICKS,
AD-641 748 6C T66 24 HC$ 2.00 MF$ 0.50

TIME DELAY
MULTICHANNEL Z-TRANSFORMS AND MINIMUM-DELAY SCIENTIFIC REPORT NO. 35.
N66-38296 8B S04 23 HC$ 3.00 MF$ 0.50

TIME FACTOR
AN ERROR DETECTION AND CORRECTION APPROACH TO THE TIME DECODING PROBLEM.
N66-33014 9F S04 19 HC$ 1.00 MF$ 0.50

TIME FUNCTION
EXPERIMENTAL TRANSIENT THREE-DIMENSIONAL HEAT TRANSFER ANALYSIS.
N66-32715 28M S04 19 HC$ 2.50 MF$ 0.75

ANALOG CIRCUIT FOR DETERMINING THE RATIO AND PRODUCT OF TWO TIME FUNCTIONS.
N66-33179 9A S04 19 HC$ 1.00 MF$ 0.50

TIME OPTIMAL CONTROL
MINIMUM ENERGY TIME-OPTIMAL CONTROL FOR SATURATING SAMPLED-DATA SYSTEMS.
N66-32704 9C S04 19 HC$ 1.00 MF$ 0.50

TIMING CIRCUITS, OPERATION
AN AUDIO TIMER.
AD-44 181 9E U41 24 HC$ 3.60

TIN, RADIOACTIVE DECAY
DISINTEGRATION OF SN113,
AD-641 746 18H T66 24 HC$ 2.00 MF$ 0.50

TIRES, PAVEMENTS
A STUDY OF TIRE-SURFACE INTERACTION FOR THE CASE OF ROLLING ON A WET SURFACE.
PB-173 454 11J U41 24 HC$ 3.00 MF$ 0.75

TIROS VII SATELLITE
TIROS VII RADIATION DATA CATALOG AND USERS MANUAL. VOL. 4 - 1 OCTOBER 1964 19 JUNE 1965.
N66-32793 4A S04 19 HC$ 4.25 MF$ 1.75

TIROS RADIATION MEASUREMENTS AND VARIATIONS IN ATMOSPHERIC HEATING.
N66-38420 4B S04 23 HC$ 2.00 MF$ 0.50

TISSUE
STRUCTURAL AND FUNCTIONAL PROPERTIES OF THE H AND M SUBUNITS OF LACTIC DEHYDROGENASES.
N66-33173 6A S04 19 HC$ 2.00 MF$ 0.50

TISSUE CULTURE CELLS, LUMINESCENCE
CATHODE LUMINESCENCE OF NORMAL AND CANCEROUS CELLS,
AD-641 758 6C T66 24 HC$ 1.00 MF$ 0.50

TISSUE CULTURE, INSTRUMENTATION
CONTROLLED PH AND OXIDATION-REDUCTION POTENTIAL WITH A NEW GLASS TISSUE-CULTURE FERMENTOR,
AD-641 939 6L T66 24

TISSUES(BIOLOGY), FREEZING
WHOLE ORGAN FREEZING AND THAWING HEAT TRANSFER AND THERMAL PROPERTIES.
AD-641 908 6E T66 24 HC$ 1.00 MF$ 0.50

TITANIUM
DIFFUSION OF URANIUM IN MOLYBDENUM, NIOBIUM, ZIRCONIUM, AND TITANIUM.
N66-33719 7B S04 19 HC$ 1.00 MF$ 0.50

TITANIUM ALLOY
ADVANCED REFRACTORY ALLOY CORROSION LOOP PROGRAM QUARTERLY PROGRESS REPORT NO. 4, JAN. 15 - APR. 15, 1966.
N66-33976 11F S04 19 HC$ 2.00 MF$ 0.50

X-RAY MEASUREMENT OF RESIDUAL STRESSES IN TITANIUM ALLOY SHEET,
N66-38113 11F S04 23 HC$ 2.00 MF$ 0.50

TNT, DEMOLITIONS
DEFICIENCY INVESTIGATION OF THE 1-LB. TNT DEMOLITION BLOCK CHARGE,
AD-641 643 19A T66 24 HC$ 2.00 MF$ 0.50

TOPOGRAPHY
PROJECT SLOPE - STUDY OF LUNAR ORBITER PHOTOGRAPHIC EVALUATION FINAL REPORT,
N66-38492 14E S04 23 HC$ 3.25 MF$ 1.00

LUNAR SIMULATION MODEL AND OPTICAL STUDIES FOR LUNAR ORBITER SYSTEM SUPPORT.
N66-38493 14B S04 23 HC$ 2.50 MF$ 0.75

TOPOLOGY
ON DIRECTED GRAPHS AND RELATED TOPOLOGICAL SPACES TECHNICAL REPORT NO. 2.
N66-33402 12A S04 19 HC$ 2.00 MF$ 0.50

TOPOLOGY, FUNCTIONAL ANALYSIS
THE REDUCTION OF A FUNCTION NEAR A NONDEGENERATE CRITICAL POINT,
AD-641 518 12A T66 24

A MODEL NON-DEGENERATE FUNCTION,
AD-641 514 12A T66 24

TORQUE MOTOR
OPTIMAL CONDITIONS OF DECELERATING THE ROTATIONAL MOTION OF A SYMMETRIC BODY.
N66-33698 22A S04 19 HC$ 1.00 MF$ 0.50

TOXIC AGENT ALARMS, HUMAN ENGINEERING
COLOR NAMES AND RESPONSE CRITERIA FOR THE E56 CHEMICAL DETECTOR KIT.
AD-481 660 15B U41 24 HC$ 1.00 MF$ 0.50

TOXINS + ANTITOXINS, BLOOD PROTEINS
EFFECT OF PLAGUE TOXIN ON BLOOD PROTEINS AND INCORPORATION OF METHIONINE-S35 INTO TISSUE PROTEINS,
AD-641 427 6E T66 24 HC$ 1.00 MF$ 0.50

TRACERS(ORDNANCE), QUALITY CONTROL
TRACER AMMUNITION CONTAINING FERROMAGNETIC MATERIALS AS ADDITIVES EFFECTS ON OVERALL PERFORMANCE.
AD-641 485 19A T66 24 HC$ 1.00 MF$ 0.50

TRACKING
PILOT DESCRIBING FUNCTION MEASUREMENTS IN A MULTILOOP TASK.
N66-33461 5H S04 19 HC$ 2.00 MF$ 0.50

VEHICLE TRACKING RECEIVER DESIGN.
N66-38787 9F S04 23 HC$ 3.00 MF$ 0.75

TRACKING STUDY
ATMOSPHERIC TRACKING ERRORS AT S-BAND AND C-BAND FREQUENCIES.
N66-32942 17B S04 19 HC$ 2.00 MF$ 0.50

CHARACTERIZATION OF TIME-VARYING HUMAN OPERATOR DYNAMICS.
N66-32959 5H S04 19 HC$ 3.00 MF$ 0.75

HUMAN TRACKING PERFORMANCE IN UNCOUPLED AND COUPLED TWO-AXIS SYSTEMS.
N66-33981 5H S04 19 HC$ 5.00 MF$ 0.75

TRACKING, PERFORMANCE(HUMAN)
THE EFFECT OF INTERMITTENT COURSE ILLUMINATION OF DIFFERING FREQUENCIES ON TRACKING PERFORMANCE,
AD-109 238 5E U41 24 HC$ 1.60

TRACKING, TRAINING
VERBAL CODING AND DISPLAY CODING IN THE ACQUISITION AND RETENTION OF TRACKING SKILL,
AD-641 623 5J T66 24

TRACKING, TRANSFER OF TRAINING
TRANSFER EFFECTS IN FOLLOWING TRACKING RESULTING FROM REVERSAL OF THE DISPLAY-CONTROL RELATIONSHIP ON ALTERNATE BLOCKS OF TRIALS,
AD-51 494 5E U41 24 HC$ 1.10

TRAFFIC, ACCIDENTS
EXPLORATORY WORK ON THE PROBLEM OF REDUCED VISIBILITY.
PB-173 412 13L U41 24 HC$ 1.00 MF$ 0.50

TRAFFIC, CALIFORNIA
AN ANALYSIS OF INTERCITY PASSENGER TRAFFIC MOVEMENT WITHIN THE CALIFORNIA CORRIDOR THROUGH 1980.
AD-641 611 15E T66 24 HC$ 5.00 MF$ 1.00

TRAFFIC, GUIDANCE
CHANNELIZATION.
PB-173 417 13B U41 24 HC$ 3.00 MF$ 0.75

TRAFFIC, SIGNAL LIGHTS
TRAFFIC SIGNAL SYNCHRONIZATION ON A ONE-WAY STREET.
AD-641 844 13B T66 24 HC$ 2.00 MF$ 0.50

TRAIL
SOME CHEMICAL ASPECTS OF UPPER-ATMOSPHERE RESEARCH.
N66-33418 4A S04 19 HC$ 1.00 MF$ 0.50

TRAINING DEVICES, DESIGN
TRANSFER OF TRAINING TO A MOTOR TASK IN RELATION TO STIMULUS SIMILARITY.
AD-641 587 5I T66 24 HC$ 3.60 MF$ 0.50

TRAINING DEVICES, DISPLAY SYSTEMS
BASIC DEVELOPMENT ACCOMPLISHED ON WIDE-ANGLE, NONPROGRAMMED, VISUAL PRESENTATIONS. VOLUME I.
AD-227 192 9E U41 24 HC$ 14.60

A STUDY OF TRANSFER IN A MOTOR TASK WITH VARYING DISPLAY-CONTROL RELATIONSHIPS,
AD-641 580 5I T66 24 HC$ 3.60 MF$ 0.50

TRANSFER OF TRAINING FROM PRACTICE ON COMPONENTS IN A MOTOR SKILL,
AD-641 581 5I T66 24 HC$ 6.60 MF$ 0.75

TRANSFER TO A MOTOR SKILL FROM PRACTICE ON A PICTURED REPRESENTATION,
AD-641 584 5I T66 24 HC$ 2.00 MF$ 0.50

TRANSFER OF TRAINING TO A MOTOR SKILL AS A FUNCTION OF VARIATION IN RATE OF RESPONSE.
AD-641 586 5I T66 24 HC$ 1.00 MF$ 0.50

TRAINING DEVICES, EFFECTIVENESS
DEVELOPMENT OF EVALUATION PROCEDURES FOR PROTOTYPE DEVICES.
AD-641 608 5I T66 24 HC$ 3.00 MF$ 0.75

VALIDATION FIELD STUDY OF EVALUATION PROCEDURES.
AD-641 601 5I T66 24 HC$ 2.00 MF$ 0.50

TRAINING DEVICES, MILITARY REQUIREMENTS
A GUIDE FOR DETERMINING TRAINING AID AND DEVICE REQUIREMENTS.
AD-641 912 5I T66 24 HC$ 2.00 MF$ 0.50

TRAJECTORIES, DOPPLER SYSTEMS
TRAJECTORY DATA OBTAINABLE FROM DOVAP REDUCTIONS AT THE FIRING LOCATION.
AD-641 982 16B T66 24 HC$ 2.00 MF$ 0.50

TRAJECTORIES, OPTIMIZATION
ON OPTIMIZING A TRAJECTORY TAKING INTO ACCOUNT THE MOTION ABOUT THE CENTER OF MASS.
AD-641 865 22C T66 24 HC$ 1.00 MF$ 0.50

TRAJECTORY ANALYSIS
MINIMUM TIME AIRCRAFT TRAJECTORIES BETWEEN TWO POINTS IN RANGE ALTITUDE SPACE.
N66-38425 1B S04 23 HC$ 2.50 MF$ 0.50

TRAJECTORY OPTIMIZATION
OPTIMUM SECONDARY IMPULSE FOR INTERPLANETARY TRANSFER TECHNICAL NOTE 64-21.
N66-32759 22C S04 19 HC$ 2.00 MF$ 0.50

TRANSFER OF TRAINING, MEASUREMENT
THE MEASUREMENT OF TRANSFER OF TRAINING.
AD-641 582 5I T66 24 HC$ 6.60 MF$ 0.75

TRANSFER OF TRAINING, MOTOR REACTIONS
TRANSFER EFFECTS IN FOLLOWING TRACKING RESULTING FROM REVERSAL OF THE DISPLAY-CONTROL RELATIONSHIP ON ALTERNATE BLOCKS OF TRIALS.
AD-51 494 5E U41 24 HC$ 1.10

A STUDY OF TRANSFER IN A MOTOR TASK WITH VARYING DISPLAY-CONTROL RELATIONSHIPS.
AD-641 580 5I T66 24 HC$ 3.60 MF$ 0.50

TRANSFER OF TRAINING FROM PRACTICE ON COMPONENTS IN A MOTOR SKILL.
AD-641 581 5I T66 24 HC$ 6.60 MF$ 0.75

TRANSFER OF DISCRIMINATION TO A MOTOR TASK.
AD-641 583 5I T66 24 HC$ 3.60 MF$ 0.50

TRANSFER TO A MOTOR SKILL FROM PRACTICE ON A PICTURED REPRESENTATION.
AD-641 584 5I T66 24 HC$ 2.00 MF$ 0.50

ON THE RELATION BETWEEN SIMILARITY AND TRANSFER OF TRAINING IN THE LEARNING OF DISCRIMINATIVE MOTOR TASKS.
AD-641 585 5I T66 24 HC$ 2.00 MF$ 0.50

TRANSFER OF TRAINING TO A MOTOR SKILL AS A FUNCTION OF VARIATION IN RATE OF RESPONSE.
AD-641 586 5I T66 24 HC$ 1.00 MF$ 0.50

TRANSFER OF TRAINING TO A MOTOR TASK IN RELATION TO STIMULUS SIMILARITY.
AD-641 587 5I T66 24 HC$ 3.60 MF$ 0.50

TRANSFER OF TRAINING, PERFORMANCE(HUMAN)
THE EFFECT OF PRIOR EXPERIENCE ON ACQUIRING SKILL ON A SIMULATED INERTIAL CONTROL TASK.
AD-641 389 5I T66 24 HC$ 2.00 MF$ 0.50

TRANSFER VEHICLE
OPTIMUM SECONDARY IMPULSE FOR INTERPLANETARY TRANSFER TECHNICAL NOTE 64-21.
N66-32759 22C S04 19 HC$ 2.00 MF$ 0.50

TRANSFORMATIONS(MATHEMATICS), OPERATORS(MATHEMATICS)
TRANSFORMATION OF OPERATORS.
AD-641 553 20J T66 24

TRANSIENT HEATING
HEAT TRANSFER ACROSS SURFACES IN CONTACT - PRACTICAL EFFECTS OF TRANSIENT TEMPERATURE AND PRESSURE ENVIRONMENTS SEMIANNUAL REPORT, 1 OCT. 1965 - 1 APR. 1966.
N66-32762 20M S04 19 HC$ 2.00 MF$ 0.50

TRANSISTOR AMPLIFIERS, BROADBAND
SINGLE AND CASCADED WIDEBAND TRANSISTOR AMPLIFIERS.
AD-641 648 9E T66 24 HC$ 4.00 MF$ 0.75

TRANSISTORS, DISTORTION
A DISTORTION ANALYSIS OF THE MOS TRANSISTOR.
AD-641 306 9A T66 24 HC$ 2.00 MF$ 0.50

TRANSISTORS, MANUFACTURING METHODS
PRODUCTION ENGINEERING MEASURE FOR INSULATED GATE FIELD EFFECT TRANSISTORS.
AD-641 401 9A T66 24 HC$ 3.00 MF$ 0.75

PRODUCTION ENGINEERING MEASURE FOR 50-AMPERE SILICON POWER TRANSISTORS.
AD-641 411 9A T66 24 HC$ 2.00 MF$ 0.50

TRANSISTORS, QUALITY CONTROL
PRODUCTION ENGINEERING MEASURE TO IMPROVE PRODUCTION TECHNIQUES AND INCREASE THE RELIABILITY OF THE SCL7004/21 AND SCL7004/22 TRANSISTORS.
AD-641 877 9A T66 24 HC$ 3.00 MF$ 0.75

TRANSISTORS, RADIATION DAMAGE
EFFECT OF TRANSISTOR DESIGN PARAMETERS ON RADIATION RESPONSE (POWER TRANSISTORS).
AD-641 405 9A T66 24 HC$ 3.00 MF$ 0.75

TRANSITION ELEMENTS, SUPERCONDUCTIVITY
ELECTRON DENSITY AND ELECTRONIC PROPERTIES IN NOBLE-METAL TRANSITION ELEMENTS.
AD-641 796 20C T66 24

TRANSITION PROBABILITY
CHAIN SAMPLING INSPECTION PLANS - CHSP-0,4 AND CHSP-1, 4 TECHNICAL REPORT NO. N-24.
N66-37927 12A S04 23 HC$ 1.00 MF$ 0.50

TRANSMISSION GEARS, HELICOPTERS
ENDURANCE TEST OF AN-1 ROLLER GEAR DRIVE.
AD-471 437 13I U41 24 HC$ 4.00 MF$ 0.50

TRANSMITTER
HIGH SHOCK FM TRANSMITTER.
N66-33974 9F S04 19 HC$ 2.00 MF$ 0.50

TRANSONIC FLUTTER
EFFECTS OF BOUNDARY-LAYER SUCTION AND SPOILERS ON TRANSONIC FLUTTER DERIVATIVES FOR A MIDSPAN CONTROL SURFACE ON AN UPSWEPT WING.
N66-33315 1D S04 19 HC$ 2.00 MF$ 0.50

AN EXPERIMENTAL INVESTIGATION OF AERODYNAMIC EFFECTS OF AIRFOIL THICKNESS ON TRANSONIC FLUTTER CHARACTERISTICS.
N66-33326 1A S04 19 HC$ 2.00 MF$ 0.50

TRANSONIC FLUTTER INVESTIGATION OF MODELS OF PROPOSED HORIZONTAL TAILS FOR THE X-15 AIRPLANE.
N66-33328 1A S04 19 HC$ 2.00 MF$ 0.50

TRANSONIC FLUTTER INVESTIGATION OF MODELS OF THE X-15 AIRPLANE HORIZONTAL TAIL.
N66-33329 1A S04 19 HC$ 2.00 MF$ 0.50

EFFECTS OF MODIFICATIONS TO A CONTROL SURFACE ON A 6-PERCENT THICK UNSWEPT WING ON THE TRANSONIC CONTROL-SURFACE FLUTTER DERIVATIVES.
N66-33343 1A S04 19 HC$ 2.50 MF$ 0.75

TRANSONIC SPEED
STAGNATION AND STATIC PRESSURES ON A NOSE-MOUNTED 15 DEG CONICAL PROBE WITH VARIOUS FOREBODY CONFIGURATIONS.
N66-33018 1A S04 19 HC$ 4.00 MF$ 1.00

TRANSONIC WIND-TUNNEL MEASUREMENTS OF SOME DYNAMIC LONGITUDINAL AND DIRECTIONAL STABILITY PARAMETERS FOR A FINNED SPINNING BODY OF REVOLUTION HAVING A HIGH FINENESS RATIO.
N66-33323 1A S04 19 HC$ 1.00 MF$ 0.50

PRELIMINARY INVESTIGATION OF INTERFERENCE EFFECTS OF MULTICOPLANAR FINS ON A TWO-STAGE ROCKET LAUNCH VEHICLE WITH WINGED SPACECRAFT AT TRANSONIC SPEEDS.
N66-33345 22D S04 19 HC$ 2.00 MF$ 0.50

PRESSURE DISTRIBUTIONS DUE TO TWO-DIMENSIONAL FABRICATION-TYPE SURFACE ROUGHNESS ON AN OGIVE CYLINDER AT TRANSONIC SPEEDS.
N66-33447 1A S04 19 HC$ 3.00 MF$ 0.75

PRESSURE DRAGS DUE TO TWO-DIMENSIONAL FABRICATION-TYPE SURFACE ROUGHNESS ON AN OGIVE CYLINDER AT TRANSONIC SPEEDS.
N66-33449 1A S04 19 HC$ 3.00 MF$ 0.50

A NOTE ON THE ABILITY TO PREDICT TRANSONIC DRAG-RISE CHANGES DUE TO MODEL MODIFICATIONS.
N66-34079 1A S04 19 HC$ 2.00 MF$ 0.50

TRANSONIC WIND TUNNEL
TRANSONIC WIND-TUNNEL INVESTIGATION OF STATIC LONGITUDINAL AND LATERAL STABILITY AND CONTROL CHARACTERISTICS AND DRAG RISE OF A REPRESENTATIVE FIGHTER AIRPLANE.
N66-34082 1D S04 19 HC$ 3.00 MF$ 1.00

A WIND-TUNNEL INVESTIGATION OF THE DYNAMIC STABILITY OF AXISYMMETRIC MODELS WITH HAMMERHEAD NOSES IN TRANSONIC FLOW.
N66-38365 1A S04 23 HC$ 2.00 MF$ 0.50

TRANSPIRATION COOLING
TRANSPIRATION AND FILM COOLING OF LIQUID ROCKET NOZZLES.
N66-38728 20M S04 23 HC$ 3.00 MF$ 0.75

TRANSPORT PLANES, LOGISTICS
AIRCRAFT COMPARTMENT DESIGN CRITERIA FOR THE ARMY DEPLOYMENT MISSION.
AD-241 637 1C U41 24 HC$ 4.60

TRANSPORT PROPERTIES, CRYSTALS
TIME PERIODIC SOLUTIONS OF TRANSPORT-AND POISSON-EQUATIONS FOR LAYERLIKE FIELD INHOMOGENEITIES.
AD-641 398 20B T66 24 HC$ 2.00 MF$ 0.50

TRANSPORT PROPERTIES, INTEGRALS
EVALUATION OF SOME TRANSPORT INTEGRALS.
AD-641 678 20J T66 24

TRANSPORT PROPERTIES, PLASMA PHYSICS
CONVERGENT TRANSPORT COEFFICIENTS OF PLASMA.
AD-641 429 20I T66 24 HC$ 4.00 MF$ 0.75

TRANSPORT PROPERTY
THERMODYNAMIC, TRANSPORT, AND FLOW PROPERTIES FOR THE PRODUCTS OF METHANE BURNED IN OXYGEN-ENRICHED AIR.
N66-37802 21B S04 23 HC$ 2.50 MF$ 0.75

TRANSPORT THEORY
A THEORY FOR MOLECULAR TRANSPORT PHENOMENA THROUGH THIN MEMBRANES.
N66-37825 6A S04 23 HC$ 5.00 MF$ 0.75

TRANSPORTATION, SYSTEMS ENGINEERING
ANALYSIS OF THE FUNCTIONS OF TRANSPORTATION A CONCEPTUAL FRAMEWORK.
PB-173 419 15E U41 24 HC$ 8.60 MF$ 2.25

TRANSURANIUM ELEMENTS, OXIDATION-REDUCTION REACTIONS
CINETIQUE DES REACTIONS D OXYDO-REDUCTION DES ELEMENTS TRANSURANIENS EN SOLUTION (KINETICS OF TRANSURANIUM ELEMENT OXIDATION-REDUCTION REACTIONS IN SOLUTION).
PB-173 387 7E U41 24 HC$ 3.00 MF$ 0.75

TREES, ECONOMICS
PROPERTIES AND UTILIZATION OF LODGEPOLE PINE IN WESTERN CANADA,
PB-173 469 11L U41 24 HC$ 2.60 MF$ 0.50

TREMATODES, CATS
PANCREATIC FLUKES (EURYTREMA PROCYONIS) IN DOMESTIC CATS,
AD-641 416 6C T66 24

TRIANGULAR WING
SUPERSONIC AERODYNAMIC CHARACTERISTICS OF TRIANGULAR PLAN-FORM MODELS AT ANGLES OF ATTACK TO 90 DEGREES.
N66-33324 1A S04 19 HC$ 2.00 MF$ 0.50

FORCE AND PRESSURE-DISTRIBUTION INVESTIGATION TO HIGH ANGLES OF ATTACK ON ALL-MOVABLE TRIANGULAR AND RECTANGULAR WINGS IN COMBINATION WITH A BODY AT SUPERSONIC SPEEDS.
N66-33349 1A S04 19 HC$ 3.25 MF$ 1.25

TROPICAL CYCLONES, METEOROLOGICAL PARAMETERS
METEOROLOGICAL VARIABLES CRITICAL TO GEOMETRY OF HURRICANE SPIRAL BANDS.
PB-173 433 4B U41 24 HC$ 3.00 MF$ 0.75

TRYPTOPHAN, TEETH
AN AUTORADIOGRAPHIC STUDY OF TRYPTOPHANE-H3 INCORPORATION INTO RAT ENAMEL AND DENTINE MATRICES.
AD-642 804 6E T66 24

TUBE
TEST PROGRAM ON THIN-WALLED TUBES WITH ZERO THERMAL GRADIENT FINAL REPORT.
N66-33572 20K S04 19 HC$ 3.25 MF$ 1.25

TUBE HEAT EXCHANGER
COMPARISON OF CALCULATED AND MEASURED CHARACTERISTICS OF HORIZONTAL MULTITUBE HEAT EXCHANGER WITH STEAM CONDENSING INSIDE TUBES.
N66-38418 10B S04 23 HC$ 2.00 MF$ 0.50

TUNED CIRCUITS, MICROMINIATURIZATION(ELECTRONICS)
PROPOSED ADJUSTABLE TUNED CIRCUITS FOR MICROELECTRONIC STRUCTURES,
AD-641 473 9E T66 24

TUNGSTATES, SUPERCONDUCTIVITY
SUPERCONDUCTIVITY OF BARIUM TUNGSTEN BRONZE,
AD-641 789 20C T66 24

TUNGSTEN
INVESTIGATIONS OF EFFECT OF INTERSTITIAL IMPURITIES ON THE STRUCTURE AND PROPERTIES OF TUNGSTEN SINGLE CRYSTALS.
N66-33722 11F S04 19 HC$ 1.00 MF$ 0.50

ELECTRICAL RESISTIVITY AND CONDUCTIVITY OF TUNGSTEN-FIBER-REINFORCED COPPER COMPOSITES.
N66-33983 11F S04 19 HC$ 1.00 MF$ 0.50

TUNGSTEN ALLOY
PROTECTIVE COATINGS FOR CHROMIUM ALLOYS FINAL SUMMARY REPORT, 31 MAY 1965 - 30 JUN. 1966.
N66-38147 11F S04 23 HC$ 4.00 MF$ 1.00

TUNNEL CATHODE
FEASIBILITY STUDY OF THIN FILM TUNNEL CATHODES.
N66-38753 9A S04 23 HC$ 2.00 MF$ 0.50

TUNNEL DIODE
TANGENTIAL SENSITIVITY OF TUNNEL DIODE VIDEO DETECTORS,
N66-33421 9A S04 19 HC$ 1.00 MF$ 0.50

LOW POWER NANOSECOND PULSE AND LOGIC CIRCUITS USING TUNNEL DIODES.
N66-33967 9A S04 19 HC$ 1.00 MF$ 0.50

TUNNELING
AN EXPERIMENTAL INVESTIGATION OF RADIATION EFFECTS IN SEMICONDUCTORS SEMIANNUAL STATUS REPORT, 1 JAN. - 30 JUN. 1966.
N66-34068 20L S04 19 HC$ 1.00 MF$ 0.50

TURBINE BLADE
PERFORMANCE EVALUATION OF A TWO-STAGE TURBINE DESIGNED FOR A RATIO OF BLADE SPEED TO JET SPEED OF 0.146.
N66-33341 21E S04 19 HC$ 2.00 MF$ 0.50

DEVELOPMENT OF HIGH TEMPERATURE NICKEL-BASE ALLOYS FOR JET ENGINE TURBINE BUCKET APPLICATIONS SECOND INTERIM ENGINEERING REPORT, 1 OCT. 1965 - 31 MAY 1966.
N66-33504 11F S04 19 HC$ 3.00 MF$ 1.00

TURBINE WHEEL
DIFFRACTOMETRIC RESEARCH IN THE FIELD OF DISORDERED STRUCTURES.
N66-38868 20B S04 23 HC$ 1.00 MF$ 0.50

TURBOGENERATOR
COMPARISON OF CALCULATED AND MEASURED CHARACTERISTICS OF HORIZONTAL MULTITUBE HEAT EXCHANGER WITH STEAM CONDENSING INSIDE TUBES.
N66-38418 10B S04 23 HC$ 2.00 MF$ 0.50

TURBOMACHINE
BRAYTON-CYCLE TURBOMACHINERY ROLLING-ELEMENT BEARING SYSTEM FOURTH QUARTERLY REPORT, 2 APR. - 2 JUL. 1966.
N66-38491 13I S04 23 HC$ 2.00 MF$ 0.50

TURBOPUMP
FABRICATION OF LIGHTWEIGHT TURBINE COMPONENTS USING ELECTRON BEAM WELDING FOR THE ATTACHMENT OF SHEET METAL BLADES TO DISCS AND SHROUDS.
N66-38757 13H S04 23 HC$ 2.50 MF$ 0.75

TURBULENCE
MEASUREMENTS OF THE INTENSITY OF TURBULENCE IN A GAS FLOW BY THE THERMOELECTRIC METHOD.
N66-33666 20D S04 19 HC$ 1.00 MF$ 0.50

TURBULENCE, AIR
AN AERODYNAMIC STUDY OF THE ELECTRIC WIND ,
AD-134 480 20I U41 24 HC$ 4.60

TURBULENCE, BOUNDARY LAYER
TURBULENCE-INDUCED PANEL VIBRATION,
AD-448 045 20K U41 24 HC$ 3.00

TURBULENT BOUNDARY LAYER
EFFECTS OF PERIODIC BLOWING THROUGH FLUSH TRANSVERSE SLOTS ON TURBULENT BOUNDARY LAYER SKIN FRICTION.
N66-38804 1A S04 23 HC$ 2.50 MF$ 0.75

TURBULENT FLOW
ANALYSIS OF THE VISCO SEAL. PART II - THE CONCENTRIC TURBULENT CASE.
N66-32803 13K S04 19 HC$ 2.50 MF$ 0.75

A REVIEW OF FACTORS AFFECTING BOUNDARY-LAYER TRANSITION.
N66-32940 20D S04 19 HC$ 2.00 MF$ 0.50

NOTE ON A CORRELATION OF BOUNDARY-LAYER TRANSITION RESULTS ON HIGHLY COOLED BLUNT BODIES.
N66-33308 20M S04 19 HC$ 1.00 MF$ 0.50

RECENT RESULTS IN THE STUDY OF PROBLEMS OF MIXING AND REATTACHMENT.
N66-33692 20D S04 19 HC$ 1.00 MF$ 0.50

ENHANCEMENT OF CONVECTIVE HEAT TRANSFER IN CHANNELS BY MEANS OF ARTIFICIAL FLOW TURBULENCE.
N66-33767 20M S04 19 HC$ 2.00 MF$ 0.50

AERODYNAMICS RESEARCH AT MSFC.
N66-38487 1A S04 23 HC$ 2.00 MF$ 0.50

THEORETICAL INVESTIGATION OF TURBULENT LIQUID-METAL HEAT TRANSFER IN CHANNELS WITH HEAT SOURCES IN THE FLUID.
N66-38801 20M S04 23 HC$ 2.50 MF$ 0.75

TURBULENT HEAT TRANSFER
BOUNDARY-LAYER-TRANSITION AND HEAT-TRANSFER MEASUREMENTS FROM FLIGHT TESTS OF BLUNT AND SHARP 50 DEGREE CONES AT MACH NUMBERS FROM 1.7 TO 4.7.
N66-33310 1A S04 19 HC$ 2.00 MF$ 0.50

TWO-STAGE ROCKET
PRELIMINARY INVESTIGATION OF INTERFERENCE EFFECTS OF MULTICOPLANAR FINS ON A TWO-STAGE ROCKET LAUNCH VEHICLE WITH WINGED SPACECRAFT AT TRANSONIC SPEEDS.
N66-33345 22D S04 19 HC$ 2.00 MF$ 0.50

TWO-STAGE TURBINE
PERFORMANCE EVALUATION OF A TWO-STAGE TURBINE DESIGNED FOR A RATIO OF BLADE SPEED TO JET SPEED OF 0.146.
N66-33341 21E S04 19 HC$ 2.00 MF$ 0.50

TYPEWRITERS, TEACHING METHODS
A COMPARISON OF TWO METHODS OF TEACHING TYPEWRITING.
AD-641 321 5I T66 24 HC$ 2.00 MF$ 0.50

ULTRACENTRIFUGES, OPTICAL INSTRUMENTS
ULTRACENTRIFUGE STUDIES WITH ABSORPTION OPTICS, IV. MOLECULAR WEIGHT DETERMINATIONS AT THE MICROGRAM LEVEL.
AD-641 831 6A T66 24

ULTRAHIGH VACUUM
AN EVALUATION OF A BAKEOUT PROCEDURE FOR SMALL GLASS ULTRAHIGH VACUUM SYSTEMS.
N66-34048 13H S04 19 HC$ 1.00 MF$ 0.50

FEASIBILITY STUDY OF THIN FILM TUNNEL CATHODES.
N66-38753 9A S04 23 HC$ 2.00 MF$ 0.50

ULTRASONIC RADIATION, ABSORPTION
ULTRASONIC MJELDAAS-EDGE EXPERIMENT IN POTASSIUM.
AD-641 861 20L T66 24

ULTRASONIC RADIATION, ABSORPTION SPECTRUM
A SENSITIVE RECORDING NMR ULTRASONIC SPECTROMETER,
NBS-TN-344 14B U41 24 HC$ 0.20 MF$ 0.50

ULTRASONIC RADIATION, INTENSITY
SUMMARY AND RECOMMENDATIONS. VOLUME A. TEXT,
AD-88 698 14B U41 24 HC$ 42.60

ULTRASONIC RADIATION, NONLINEAR SYSTEMS
AN INVESTIGATION OF SUBHARMONIC GENERATION IN AN ULTRASONIC RESONANT CAVITY.
AD-641 604 20A T66 24 HC$ 4.00 MF$ 0.75

ULTRASONIC RADIATION, NON-DESTRUCTIVE TESTING

ADVANCEMENT OF ULTRASONIC TECHNIQUES USING RERADIATED SOUND ENERGIES FOR NONDESTRUCTIVE EVALUATION OF WELDMENTS.
AD-641 354 13H T66 24 HC$ 1.00 MF$ 0.50

ULTRASONIC WAVE TRANSDUCER
USE OF PHASE-LOCKED-LOOP CONTROL FOR DRIVING ULTRASONIC TRANSDUCERS.
N66-33455 9C S04 19 HC$ 1.00 MF$ 0.50

ULTRAVIOLET EQUIPMENT, GENERATORS
ULTRAVIOLET GENERATOR STUDY.
AD-641 674 20F T66 24 HC$ 3.00 MF$ 0.75

ULTRAVIOLET RADIATION
FORMATION OF CO2 RADICAL IONS WHEN CO2 IS ABSORBED ON IRRADIATED MAGNESIUM OXIDE.
N66-33166 7C S04 19 HC$ 1.00 MF$ 0.50

ULTRAVIOLET REFLECTION
POLARIZERS FOR THE EXTREME ULTRAVIOLET.
N66-33377 20F S04 19 HC$ 1.00 MF$ 0.50

ULTRAVIOLET SPECTROPHOTOMETRY
ULTRAVIOLET MEASUREMENTS IN PLANETARY ATMOSPHERES.
N66-35722 4A S04 23 HC$ 2.00 MF$ 0.50

ULTRAVIOLET SPECTROSCOPY, INSTRUMENTATION
AN ABSORPTION SPECTROPHOTOMETER CELL FOR USE AT HIGH PRESSURES AND ITS APPLICATION TO AN ENZYMIC REACTION.
AD-641 910 6A T66 24 HC$ 1.00 MF$ 0.50

ULTRAVIOLET SPECTRUM
RELATIONSHIP OF THE ALBEDO OF VENUS TO WAVELENGTH IN THE ULTRAVIOLET BAND OF THE SPECTRUM.
N66-33978 3B S04 19 HC$ 1.00 MF$ 0.50

UNCERTAINTY
MINIMAX CONTROLS OF UNCERTAIN SYSTEMS.
N66-33441 9B S04 19 HC$ 5.00 MF$ 1.25

UNDERWATER EXPLOSION
THEORY OF PULSE DISCHARGES IN A LIQUID MEDIUM.
N66-33700 20I S04 19 HC$ 1.00 MF$ 0.50

UNDERWATER PHOTOGRAPHY, RANGE GATING
UNDERWATER RANGE-GATED PHOTOGRAPHY.
AD-641 878 14E T66 24 HC$ 2.00 MF$ 0.50

UNDERWATER SOUND EQUIPMENT, POSITION FINDING
AN UNDERWATER SOUND SYSTEM USED FOR ACCURATE POSITIONING.
AD-641 393 17G T66 24 HC$ 2.00 MF$ 0.50

UNDERWATER SOUND, BACKSCATTERING
BOTTOM REVERBERATION IN THE NORTH ATLANTIC OCEAN AND EASTERN MEDITERRANEAN SEA.
AD-641 334 8J T66 24 HC$ 3.00 MF$ 0.50

UNDERWATER SOUND, CRUSTACEA
SOUND PRODUCTION IN THE AMERICAN LOBSTER, HOMARUS AMERICANUS H. MILNE EDWARDS (DECAPODA REPTANTIA).
AD-641 421 6C T66 24

UNDERWATER TRACKING, ACOUSTIC EQUIPMENT
THE DEVELOPMENT OF A SWIMMER TRACKING DEVICE.
AD-641 361 17A T66 24 HC$ 1.00 MF$ 0.50

UNIAXIAL STRAIN
EXPERIMENTAL X-RAY STRESS ANALYSIS PROCEDURES FOR ULTRA HIGH STRENGTH MATERIALS.
N66-33410 11F S04 19 HC$ 1.00 MF$ 0.50

UNITED STATES
DEMAND FOR ENGINEERS AND SCIENTISTS.
N66-35721 9I S04 23 HC$ 3.00 MF$ 0.75

UNITED STATES GOVERNMENT, BUDGETS
ORIGIN AND HISTORY OF PROGRAM BUDGETING.
AD-641 442 5A T66 24 HC$ 1.00 MF$ 0.50

UNITED STATES GOVERNMENT, RESEARCH PROGRAM ADMINISTRATION
ANALYSIS OF THE FUNCTIONS OF TRANSPORTATION A CONCEPTUAL FRAMEWORK.
PB-173 419 15E U41 24 HC$ 8.60 MF$ 2.25

UNITED STATES, ECONOMICS
THE COMMUNITY AND ECONOMIC DEVELOPMENT.
PB-173 460 5C U41 24 HC$ 2.00 MF$ 0.50

UNMANNED SPACECRAFT
THE LUNAR ORBITER.
N66-33407 22B S04 19 HC$ 2.00 MF$ 0.50

PROPELLANT EXPULSION IN UNMANNED SPACECRAFT.
N66-37804 21H S04 23 HC$ 2.50 MF$ 0.75

MARINER - JOURNEY AROUND THE SUN.
N66-38505 22A S04 23 HC$ 1.00 MF$ 0.50

UNSTEADY FLOW
NONSTEADY LIQUID AND GAS FLOW WITH HEAT ADDITION AND SHOCK PERTURBATIONS.
N66-35748 20D S04 23 HC$ 2.50 MF$ 0.75

UNSWEPT WING
EFFECTS OF BOUNDARY-LAYER SUCTION AND SPOILERS ON TRANSONIC FLUTTER DERIVATIVES FOR A MIDSPAN CONTROL SURFACE ON AN UPSWEPT WING.
N66-33315 1D S04 19 HC$ 2.00 MF$ 0.50

AN EXPERIMENTAL INVESTIGATION OF AERODYNAMIC EFFECTS OF AIRFOIL THICKNESS ON TRANSONIC FLUTTER CHARACTERISTICS.
N66-33326 1A S04 19 HC$ 2.00 MF$ 0.50

EFFECTS OF MODIFICATIONS TO A CONTROL SURFACE ON A 6-PERCENT THICK UNSWEPT WING ON THE TRANSONIC CONTROL-SURFACE FLUTTER DERIVATIVES.
N66-33343 1A S04 19 HC$ 2.50 MF$ 0.75

UPPER ATMOSPHERE
SOME CHEMICAL ASPECTS OF UPPER-ATMOSPHERE RESEARCH.
N66-33418 4A S04 19 HC$ 1.00 MF$ 0.50

MOTION OF ARTIFICIAL ION CLOUDS IN THE UPPER ATMOSPHERE.
N66-38343 4A S04 23 HC$ 2.00 MF$ 0.50

MESOMETEOROLOGY AND THE POSSIBILITIES OF FORECASTING LOCAL WEATHER.
N66-38715 4B S04 23 HC$ 1.00 MF$ 0.50

UPPER ATMOSPHERE, ATMOSPHERIC TEMPERATURE
ALO RESONANT SPECTRUM FOR UPPER ATMOSPHERE TEMPERATURE DETERMINATION.
AD-641 359 4A T66 24 HC$ 2.00 MF$ 0.50

UPPER ATMOSPHERE, DIFFUSION
DIFFUSION COEFFICIENTS IN THE UPPER ATMOSPHERE FROM CHEMILUMINOUS TRAILS.
AD-641 351 4A T66 24

UPPER ATMOSPHERE, MICROORGANISMS
MICROORGANISMS OF THE UPPER ATMOSPHERE. IV. MICROORGANISMS OF A LAND AIR MASS AS IT TRAVERSES AN OCEAN.
AD-641 821 6M T66 24

MICROORGANISMS OF THE UPPER ATMOSPHERE. II. MICROORGANISMS IN TWO TYPES OF AIR MASSES AT 690 METERS OVER A CITY.
AD-641 823 6M T66 24

MICROORGANISMS OF THE UPPER ATMOSPHERE. I. INSTRUMENTATION FOR ISOKINETIC AIR SAMPLING AT ALTITUDE.
AD-641 825 6M T66 24

URANIUM
DIFFUSION OF URANIUM IN MOLYBDENUM, NIOBIUM, ZIRCONIUM, AND TITANIUM.
N66-33719 7B S04 19 HC$ 1.00 MF$ 0.50

URANIUM COMPOUNDS, FISSION PRODUCTS
CONTRIBUTION A L ETUDE DE LA DESORPTION DES GAZ DE FISSION FORMES DANS L OXYDE D URANIUM IRRADIE (CONTRIBUTION TO THE STUDY OF THE DESORPTION OF FISSION GASES FORMED IN IRRADIATED URANIUM OXIDE).
PB-173 389 18G U41 24 HC$ 2.00 MF$ 0.50

URANIUM COMPOUNDS, POLAROGRAPHIC ANALYSIS
LA DETERMINATION POLAROGRAPHIQUE DE LA STOECHIOMETRIE DU DIOXYDE D URANIUM (POLAROGRAPHIC DETERMINATION OF URANIUM DIOXIDE STOICHIOMETRY).
PB-173 394 7E U41 24 HC$ 1.00 MF$ 0.50

URANIUM FLUORIDE
CRITICAL MASS STUDIES WITH THE NASA ZERO POWER REACTOR II. II - HETEROGENEOUS ARRAYS OF CYLINDRICAL VOIDS.
N66-33021 18L S04 19 HC$ 1.00 MF$ 0.50

URANIUM, SUPERCONDUCTIVITY
SUPERCONDUCTIVITY OF BETA-URANIUM.
AD-641 801 20C T66 24

PRESSURE DEPENDENCE OF THE SUPERCONDUCTING TRANSITION TEMPERATURE OF URANIUM.
AD-641 803 20C T66 24

URINARY SYSTEM, DISEASES
SIGNIFICANCE OF ANTIBACTERIAL LEVELS IN THE RENAL LYMPH DURING TREATMENT FOR PYELONEPHRITIS.
AD-641 377 6E T66 24

URINARY SYSTEM, NEOPLASMS
URINARY LACTIC ACID DEHYDROGENASE ACTIVITY IN THE DIAGNOSIS OF UROLOGIC NEOPLASMS.
AD-641 376 6E T66 24

URINARY SYSTEM, OBSTRUCTION(PHYSIOLOGY)
THE ROLE OF ARTERIAL PULSATION IN EXPERIMENTAL HYDRONEPHROSIS.
AD-641 378 6E T66 24

V PARTICLES, PARTICLE TRAJECTORIES
HIGH ENERGY PHYSICS WITH EMPHASIS ON STRANGE PARTICLES.
AD-641 991 20H T66 24 HC$ 3.00 MF$ 0.75

V PARTICLES, POLARIZATION
POLARIZATION OF A DECAY PARTICLE IN A TWO-STEP PROCESS APPLICATION TO NEGATIVE-KAON + PROTON TO NEUTRAL-PION + NEUTRAL-SIGMA HYPERON, NEUTRAL-SIGMA HYPERON TO GAMMA RAY + LAMBDA HYPERON.
AD-641 626 20H T66 24

V PARTICLES, WAVE FUNCTIONS
V(THETA)-BOUND STATE AND UNIQUENESS IN THE THREE-PARTICLE SECTOR OF THE LEE MODEL.
AD-641 622 20J T66 24

VACUUM
AN EXPERIMENTAL AND THEORETICAL INVESTIGATION OF THE THERMAL CONTACT RESISTANCE FINAL REPORT.
N66-32884 20M S04 19 HC$ 2.50 MF$ 0.75

VACUUM CHAMBER
THERMAL CONTACT CONDUCTANCE IN A VACUUM ENVIRONMENT.
N66-33488 20M S04 19 HC$ 4.00 MF$ 0.75

VACUUM EFFECT
ADHESION BETWEEN ATOMICALLY PURE METALLIC SURFACES, PART IV SEMIANNUAL REPORT.
N66-32805 11F S04 19 HC$ 2.00 MF$ 0.50

VACUUM EQUIPMENT
AN EVALUATION OF A BAKEOUT PROCEDURE FOR SMALL GLASS ULTRA-HIGH VACUUM SYSTEMS.
N66-34048 13H S04 19 HC$ 1.00 MF$ 0.50

VACUUM GAUGE
FEASIBILITY STUDY OF THIN FILM TUNNEL CATHODES.
N66-35753 9A S04 23 HC$ 2.00 MF$ 0.50

VACUUM PUMPS, MOLECULAR BEAMS
DESCRIPTION AND PERFORMANCE OF A MOLECULAR BEAM CHAMBER USED FOR CRYOPUMPING AND ADSORPTION PUMPING STUDIES.
AD-641 388 14B T66 24 HC$ 2.00 MF$ 0.50

VACUUM SYSTEM
A NEW APPROACH TO THE HOMOGENIZATION OF HETEROGENEOUS MEDIA FOR NEUTRON DIFFUSION CALCULATIONS.
N66-33373 7D S04 19 HC$ 3.00 MF$ 0.75

VACUUM TUBE
COMMUNICATION SATELLITE OUTPUT DEVICES.
N66-33181 17B S04 19 HC$ 2.00 MF$ 0.50

VALENCE, INFRARED SPECTROSCOPY
ETUDE COMPAREE PAR SPECTROMETRIE INFRA-ROUGE DU COMPORTEMENT DE GROUPEMENTS Y-H ET Y-D. FREQUENCES DE VALENCE ET CONSTANTES D ASSOCIATION MOLECULAIRE (COMPARATIVE STUDY OF INFRA-RED SPECTROMETRY OF THE BEHAVIOUR OF Y-H AND Y-D GROUPS. VALENCIES FREQUENCY AND MOLECULAR ASSOCIATION CONSTANTS).
PB-173 383 7D U41 24 HC$ 4.00 MF$ 0.75

VAN ALLEN RADIATION BELT, CHARGED PARTICLES
ELECTRON AND PROTON OBSERVATIONS.
AD-641 358 4A T66 24 HC$ 2.00 MF$ 0.50

VANADIUM, DIFFUSION
DIFFUSION OF V48 AND FE59 IN VANADIUM.
AD-641 780 11F T66 24

VANADIUM, SUPERCONDUCTIVITY
PRESSURE DEPENDENCE OF THE SUPERCONDUCTING TRANSITION TEMPERATURE OF VANADIUM AND NIOBIUM.
AD-641 812 20C T66 24

VAPOR PHASE
THE VAPOR COMPOSITION IN THE HALIDE SYSTEMS OF CERTAIN ALKALI AND ALKALI EARTH METALS.
N66-33721 7B S04 19 HC$ 1.00 MF$ 0.50

VAPOR PRESSURE
SUBLIMATION PRESSURES OF REFRACTORY FLUORIDES.
N66-33392 7D S04 19 HC$ 1.00 MF$ 0.50

THE VAPOR PRESSURE OF MAGNESIUM BETWEEN 223 DEG AND 385 DEG C.
N66-33423 20M S04 19 HC$ 1.00 MF$ 0.50

VAPOR PRESSURE IN SOLID YTTRIUM.
N66-33677 20M S04 19 HC$ 1.00 MF$ 0.50

DETERMINATION OF THE SATURATED VAPOR PRESSURE OF NIOBIUM DIOXIDE.
N66-33679 20M S04 19 HC$ 1.00 MF$ 0.50

THE PROBLEM OF THE VOLATILITY OF NIOBIUM OXIDES.
N66-33681 7D S04 19 HC$ 1.00 MF$ 0.50

DENSITY, VAPOR PRESSURE, AND VISCOSITY OF SOLUTIONS OF HYDRAZINE MONONITRATE IN HYDRAZINE.
N66-38789 7D S04 23 HC$ 1.00 MF$ 0.50

VARIABLE STARS, SPECTROSCOPY
PHOTOELECTRIC SPECTROPHOTOMETRY OF ETA CARINAE.
AD-641 443 3A T66 24

VARIABLE SWEEP
STABILITY AND CONTROL CHARACTERISTICS AT LOW SUBSONIC SPEEDS OF AN AIRPLANE CONFIGURATION HAVING TWO TYPES OF VARIABLE-SWEEP WINGS.
N66-33319 1D S04 19 HC$ 3.00 MF$ 0.75

VARIATIONAL CALCULUS
MINIMUM TIME AIRCRAFT TRAJECTORIES BETWEEN TWO POINTS IN RANGE ALTITUDE SPACE.
N66-38425 1B S04 23 HC$ 2.50 MF$ 0.50

VARIATIONAL PRINCIPLE
SOME REMARKS ON THE USE OF THE VARIATIONAL PRINCIPLE FOR THE SECOND ORDER ENERGY.
N66-33420 20J S04 19 HC$ 1.00 MF$ 0.50

VASOACTIVE AGENTS, LYMPH
TRANSPORT OF RENIN ANGIOTENSIN BY RENAL LYMPHATICS.
AD-641 388 6E T66 24

VECTOR
VARIABLE DYNAMIC FORCE VECTOR ROCKET TEST APPARATUS.
N66-33424 14B S04 19 HC$ 1.00 MF$ 0.50

VECTOR ANALYSIS, GEODESICS
AN ALTERNATE SOLUTION FOR THE INTERSECTION PROBLEM.
AD-641 979 8E T66 24 HC$ 1.10 MF$ 0.50

VECTOR ANALYSIS, STABILITY
VECTOR LYAPUNOV FUNCTIONS AND CONDITIONAL STABILITY.
AD-641 881 12A T66 24

VECTOR SPACE
ON DIRECTED GRAPHS AND RELATED TOPOLOGICAL SPACES TECHNICAL REPORT NO. 2.
N66-33402 12A S04 19 HC$ 2.00 MF$ 0.50

VEHICLES, ARMY EQUIPMENT
COST-EFFECTIVENESS CONSIDERATIONS IN THE DESIGN AND EMPLOYMENT OF ARMY OFF-ROAD VEHICLES.
AD-641 644 13F T66 24 HC$ 3.00 MF$ 0.50

VEHICLES, TESTS
ROAD SHOCK AND VIBRATION ENVIRONMENT FOR A SERIES OF WHEELED AND TRACK-LAYING VEHICLES.
AD-408 653 13F U41 24 HC$ 4.00

VELOCITY
FUNDAMENTAL DATA FOR SOUTHERN STARS (SIXTH LISTS).
N66-33180 3B S04 19 HC$ 1.00 MF$ 0.50

VENEZUELAN EQUINE ENCEPHALOMYELITIS VIRUS, GROWTH
MODIFIED GRADIENT PLATE FOR USE IN THE VIRUS PLAQUE TECHNIQUE.
AD-641 938 6M T66 24

VENEZUELAN EQUINE ENCEPHALOMYELITIS VIRUS, INHIBITION
EFFECT OF SODIUM BICARBONATE ON PLAQUE FORMATION BY TWO STRAINS OF VENEZUELAN EQUINE ENCEPHALOMYELITIS VIRUS.
AD-641 952 6M T66 24

VENEZUELAN EQUINE ENCEPHALOMYELITIS VIRUS, SERODIAGNOSIS
HEMAGGLUTINATION-INHIBITION METHOD AND IMMUNOFLUORESCENCE STAINING WITH VENEZUELAN EQUINE ENCEPHALOMYELITIS VIRUS.
AD-641 937 6M T66 24

VENEZUELAN EQUINE ENCEPHALOMYELITIS VIRUS, TISSUE CULTURE
HOST INFLUENCE ON THE CHARACTERISTICS OF VENEZUELAN EQUINE ENCEPHALOMYELITIS VIRUS.
AD-641 944 6M T66 24

VENUS
RELATIONSHIP OF THE ALBEDO OF VENUS TO WAVELENGTH IN THE ULTRAVIOLET BAND OF THE SPECTRUM.
N66-33978 3B S04 19 HC$ 1.00 MF$ 0.50

VERBAL BEHAVIOR, SYMPOSIA
SECOND CALIFORNIA CONFERENCE ON VERBAL LEARNING AND VERBAL BEHAVIOR.
AD-641 437 5J T66 24

VERTICAL TAIL
LOW-SPEED INVESTIGATION OF EFFECTS OF VERTICAL TAILS ON THE STATIC STABILITY CHARACTERISTICS OF A CANARD-BOMBER CONFIGURATION HAVING A VERY THIN WING AND A SLENDER ELLIPTICAL FUSELAGE.
N66-33336 1A S04 19 HC$ 1.00 MF$ 0.50

EXPERIMENTALLY DETERMINED EFFECTS OF VARYING PITCH AND CONTROL STIFFNESSES ON THE FLUTTER CHARACTERISTICS AT SUPERSONIC SPEEDS OF ALL- MOVABLE WING AND TAIL MODELS.
N66-34084 1D S04 19 HC$ 2.00 MF$ 0.50

VERTICAL TAKEOFF
FLIGHT SIMULATED OFF-THE-PAD ESCAPE AND LANDING MANEUVERS FOR A VERTICALLY LAUNCHED HYPERSONIC GLIDER.
N66-33330 1B S04 19 HC$ 2.00 MF$ 0.50

VERTICAL TAKE-OFF PLANES, ECONOMICS
TECHNICAL AND ECONOMIC EVALUATION OF AIRCRAFT FOR INTERCITY SHORT-HAUL TRANSPORTATION. VOLUME I.
AD-641 506 15E T66 24 HC$ 2.00 MF$ 0.50

TECHNICAL AND ECONOMIC EVALUATION OF AIRCRAFT FOR INTERCITY SHORT-HAUL TRANSPORTATION. VOLUME II.
AD-641 507 15E T66 24 HC$ 5.00 MF$ 1.00

TECHNICAL AND ECONOMIC EVALUATION OF AIRCRAFT FOR INTERCITY SHORT-HAUL TRANSPORTATION. VOLUME III.
AD-641 508 15E T66 24 HC$ 5.00 MF$ 1.00

VERTICAL TAKE-OFF PLANES, STABILITY
IMPORTANT VSTOL AIRCRAFT STABILITY DERIVATIVES IN HOVER AND TRANSITION.
AD-641 371 1A T66 24 HC$ 2.00 MF$ 0.50

VERY HIGH FREQUENCY
RANGE RESIDUALS IN VHF RADAR TRACKING.
N66-33984 17I S04 19 HC$ 1.00 MF$ 0.50

VIBRATION MEASUREMENT
VIBRATIONAL CHARACTERISTICS OF SANDWICH PANELS IN A REDUCED-PRESSURE ENVIRONMENT.
N66-33456 20K S04 19 HC$ 1.00 MF$ 0.50

GROUND TEST SIMULATION OF LIFT-OFF AND TRANSONIC VIBRATION EXCITATION MECHANISMS ON THE RANGER SPACECRAFT.
N66-37642 22B S04 23 HC$ 1.00 MF$ 0.50

AN EXPERIMENTAL AND ANALYTICAL STUDY OF THE LONGITUDINAL VIBRATION OF A SIMPLIFIED TWOR VEHICLE STRUCTURE.
N66-38140 22D S04 23 HC$ 2.00 MF$ 0.50

A REVIEW OF FLIGHT AND WIND TUNNEL MEASUREMENTS OF BOUNDARY LAYER PRESSURE FLUCTUATIONS AND INDUCED STRUCTURAL RESPONSE.
N66-38424 1A S04 23 HC$ 2.50 MF$ 0.75

VIBRATION TESTING
VIBRATIONS OF TRACTOR DRIVER.
N66-33138 9E S04 19 HC$ 4.00 MF$ 1.00

VIBRATIONAL SPECTRUM
THE EFFECT OF DEFECTS ON THE BASAL PLANE THERMAL CONDUCTIVITY OF A GRAPHITE CRYSTAL, PART I - THEORY.
N66-33110 18K S04 19 HC$ 1.00 MF$ 0.50

VIBRATION, VEHICLES
ROAD SHOCK AND VIBRATION ENVIRONMENT FOR A SERIES OF WHEELED AND TRACK-LAYING VEHICLES.
AD-408 653 13F U41 24 HC$ 4.00

VINTI THEORY
COMPUTATIONAL PROCEDURE FOR VINTI S ACCURATE REFERENCE ORBIT WITH INCLUSION OF THE THIRD ZONAL HARMONIC.
N66-33966 22C S04 19 HC$ 1.00 MF$ 0.50

VINYL PLASTICS, BINDERS
STORAGE STABILITY OF PYROTECHNIC COMPOSITIONS CONTAINING VINYL ALCOHOL ACETATE RESIN.
AD-641 893 19A T66 24 HC$ 2.00 MF$ 0.50

VIRGINIA, RESEARCH PROGRAM ADMINISTRATION
THE IMPLICATIONS OF SEVERAL TYPES OF STATISTICAL SPECIFICATIONS.
PB-173 418 13B U41 24 HC$ 2.00 MF$ 0.50

VISCOELASTICITY, ISOCYANATE PLASTICS
ON THE COMPLEX POISSON S RATIO OF A URETHANE RUBBER COMPOUND.
AD-641 693 11J T66 24

VISCOPLASTIC FLOW
EFFECT OF TARGET MATERIAL YIELD STRENGTH ON HYPERVELOCITY PERFORATION AND BALLISTIC LIMIT.
N66-33369 20K S04 19 MF$ 0.50

VISCOSITY
ANALYSIS OF THE VISCO SEAL. PART II - THE CONCENTRIC TURBULENT CASE.
N66-32803 13K S04 19 HC$ 2.50 MF$ 0.75

DENSITY, VAPOR PRESSURE, AND VISCOSITY OF SOLUTIONS OF HYDRAZINE MONONITRATE IN HYDRAZINE.
N66-38789 7D S04 23 HC$ 1.00 MF$ 0.50

VISCOUS DRAG
HYPERSONIC LAMINAR VISCOUS INTERACTION EFFECTS ON THE AERODYNAMICS OF TWO-DIMENSIONAL WEDGE AND TRIANGULAR PLANFORM WINGS.
N66-33017 1A S04 19 HC$ 3.00 MF$ 0.75

VISCOUS FLOW
AN UNSTEADY THERMAL LAMINAR BOUNDARY LAYER ON A SEMI-INFINITE PLATE IN A VISCOUS FLOW.
N66-33724 20D S04 19 HC$ 1.00 MF$ 0.50

VISION, ELECTROENCEPHALOGRAPHY
MANIFESTACIONES OCULARES EN GATOS MESENCEFALICOS PRECOLICULARES CRONICOS (OCULAR BEHAVIOR IN CHRONIC HIGH MESENCEPHALIC CATS).
AD-641 475 6P T66 24

VISUAL FLIGHT
FLIGHT TESTS OF A WIDE-ANGLE, INDIRECT OPTICAL VIEWING SYSTEM IN A HIGH- PERFORMANCE JET AIRCRAFT.
N66-38800 5H S04 23 HC$ 2.00 MF$ 0.50

VISUAL SIGNALS, TRAFFIC
EXPERIMENTAL PAVEMENT MARKINGS.
PB-173 493 13B U41 24 HC$ 2.00 MF$ 0.50

VISUAL SYSTEM
VISUAL AND CONTROL ASPECTS OF SACCADIC EYE MOVEMENTS.
N66-37775 6P S04 23 HC$ 3.00 MF$ 1.00

VISUAL TASK
VISUAL SIMULATION OF LUNAR ORBIT ESTABLISHMENT USING A SIMPLIFIED GUIDANCE TECHNIQUE.
N66-33448 17G S04 19 HC$ 2.00 MF$ 0.50

VOLATILITY
THE PROBLEM OF THE VOLATILITY OF NIOBIUM OXIDES.
N66-33681 7D S04 19 HC$ 1.00 MF$ 0.50

VOLTAGE REGULATORS, FURNACES
STABILISATEURS DE TENSION POUR FOURS A HAUTE TEMPERATURE (VOLTAGE STABILIZATORS FOR HIGH TEMPERATURE FURNACE).
PB-173 403 13A U41 24 HC$ 1.00 MF$ 0.50

VOLTAGE, FLUID FLOW
ELECTRICAL POTENTIAL FROM WATERFLOW IN SOIL SPECIMENS--LOWER COST CANAL LINING PROGRAM.
PB-173 435 8M U41 24 HC$ 2.00 MF$ 0.50

VORTEX FLOW
EXPERIMENTAL INVESTIGATION OF A CONFINED, JET- DRIVEN WATER VORTEX.
N66-38502 20D S04 23 HC$ 2.00 MF$ 0.50

VOSKHOD II SPACECRAFT
IN OPEN SPACE -- VOSKHOD-2 SPACE CRAFT DESIGN.
N66-33694 22B S04 19 HC$ 1.00 MF$ 0.50

VOYAGER PROJECT
SPACE PROGRAMS SUMMARY NO. 37-40, VOLUME VI FOR THE PERIOD MAY 1 TO JUNE 30, 1966. SPACE EXPLORATION PROGRAMS AND SPACE SCIENCES.
N66-38506 22B S04 23 HC$ 2.50 MF$ 0.75

VTOL AIRCRAFT
FLIGHT INVESTIGATION OF DYNAMIC STABILITY AND CONTROL CHARACTERISTICS OF A 0.18-SCALE MODEL OF A FAN-IN-WING VTOL AIRPLANE.
N66-32941 1C S04 19 HC$ 2.00 MF$ 0.50

WAGES, MANAGEMENT ENGINEERING
THE WAGE SURVEY AS A MANAGERIAL TOOL.
AD-641 955 5A T66 24 HC$ 1.00 MF$ 0.50

WALL TEMPERATURE
INVESTIGATION OF WALL SURFACE TEMPERATURE BEHIND A MOVING SHOCK WAVE.
N66-33678 20M S04 19 HC$ 1.00 MF$ 0.50

WATER
PROBLEMS ASSOCIATED WITH THE PRESENCE OF WATER, SLUSH, SNOW AND ICE ON RUNWAYS.
N66-33489 1B S04 19 HC$ 2.50 MF$ 0.75

CHANGES IN APPETITE FOR WATER, GLUCOSE, SODIUM, AND POTASSIUM IN RATS WHEN THE SODIUM PUMP IS INHIBITED BY STROPHANTHIN- K.
N66-33764 6C S04 19 HC$ 1.00 MF$ 0.50

WATER CONTENT
INVESTIGATION OF INFRA-RED ABSORPTION AND LOW ANGLE X-RAY SCATTERING OF TEKTITES SEMIANNUAL STATUS REPORT, 1 DEC. 1965 - 30 JUN. 1966.
N66-33442 8G S04 19 HC$ 2.00 MF$ 0.50

WATER FLOW
FLOW LOSSES IN FLEXIBLE HOSE QUARTERLY PROGRESS REPORT NO. 4, MAR. 14 - JUN. 14, 1965.
N66-33495 20D S04 19 HC$ 2.50 MF$ 0.75

WATER JET
FEATURES OF FILM BOILING IN SURFACE WATER COOLING.
N66-33689 20M S04 19 HC$ 1.00 MF$ 0.50

WATER MODERATED REACTOR
NASA TUNGSTEN REACTOR RADIATION CHEMISTRY STUDIES FINAL REPORT.
N66-38496 7E S04 23 HC$ 3.00 MF$ 1.00

WATER PURIFICATION
BIBLIOGRAPHY ON GROUND-WATER POLLUTION AND WASTE WATER PURIFICATION.
N66-33728 8H S04 19 HC$ 2.50 MF$ 0.50

WATER VAPOR
MEASURED PERFORMANCE OF WATER VAPOR JETS FOR SPACE VEHICLE ATTITUDE CONTROL SYSTEMS.
N66-32955 22B S04 19 HC$ 1.00 MF$ 0.50

PREDICTION OF TOTAL EMISSIVITY OF NITROGEN- BROADENED AND SELF-BROADENED HOT WATER VAPOR.
N66-38114 20M S04 23 HC$ 2.00 MF$ 0.50

WATER VAPOR, ABSORPTION SPECTRUM
STRENGTH-HALF-WIDTH PRODUCTS OF SELF-BROADENED LINES IN THE 6.3 MICRON BAND OF WATER VAPOR.
PB-173 429 4A U41 24 HC$ 3.00 MF$ 0.75

WATER VAPOR, INFRARED RADIATION
INFRARED RADIATION EMITTED BY HOT GASES AND ITS TRANSMISSION THROUGH SYNTHETIC ATMOSPHERES.
AD-296 016 20F U41 24 HC$ 9.60

WATER WAVES, GEOMETRIC FORMS
MEASURED VERSUS COMPUTED SURFACE WAVE TRAINS OF A RANKINE OVOID.
AD-641 888 20D T66 24 HC$ 3.00 MF$ 0.75

WATER WAVES, HYDRODYNAMICS
WAVE REFLECTION AND TRANSMISSION IN OPEN CHANNEL TRANSITIONS.
AD-641 348 20D T66 24 HC$ 6.00 MF$ 1.25

WATER WAVES, PHOTOGRAMMETRY
PHOTOGRAMMETRIC DEFINITION OF A WAVE SURFACE.
AD-641 396 20D T66 24 HC$ 3.00 MF$ 0.50

WATER, SOLVENT EXTRACTION
MECANISME D EXTRACTION DE L ACIDE NITRIQUE ET DE L EAU PAR LES SOLUTIONS ORGANIQUES D ALCOYLAMINES TERTIAIRES (MECHANISM OF THE EXTRACTION OF NITRIC ACID AND WATER BY ORGANIC SOLUTIONS OF TERTIARY ALKYLAMINES).
PB-173 396 7D U41 24 HC$ 3.00 MF$ 0.75

WAVE DRAG
SOME CONSIDERATIONS REGARDING THE APPLICATION OF THE SUPERSONIC AREA RULE TO THE DESIGN OF AIRPLANE FUSELAGES.
N66-34080 1C S04 19 HC$ 2.00 MF$ 0.50

A NUMERICAL TECHNIQUE FOR ANALYSIS OF WAVE DRAG AT LIFTING CONDITIONS.
N66-38407 1A S04 23 HC$ 1.00 MF$ 0.50

WAVE EQUATION
SEISMIC WAVE PROPAGATION IN LAYERED MEDIA, PART I SCIENTIFIC REPORT.
N66-33522 8K S04 19 HC$ 1.00 MF$ 0.50

WAVE FUNCTION
DIFFERENT SCREENING CONSTANTS FOR DIFFERENT PHYSICAL PROPERTIES, I.
N66-33380 20J S04 19 HC$ 2.00 MF$ 0.50

SOME REMARKS ON THE USE OF THE VARIATIONAL PRINCIPLE FOR THE SECOND ORDER ENERGY.
N66-33420 20J S04 19 HC$ 1.00 MF$ 0.50

WAVE FUNCTIONS, V PARTICLES
V(THETA)-BOUND STATE AND UNIQUENESS IN THE THREE-PARTICLE SECTOR OF THE LEE MODEL,
AD-641 622 20J T66 24

WAVE INTERACTION
WAVE-PARTICLE INTERACTIONS IN THE SOLAR WIND.
N66-33389 20H S04 19 HC$ 2.00 MF$ 0.50

WAVE PROPAGATION
RADIO WAVE PROPAGATION AND SATELLITE TRACKING ANNUAL SPECIAL REPORT, 1964-1965.
N66-33037 20N S04 19 HC$ 1.00 MF$ 0.50

APPROXIMATE METHODS FOR THE COMPUTATION OF WAVE PROPAGATION IN NONUNIFORM MEDIA INTERIM REPORT NO. 1.
N66-33409 20N S04 19 HC$ 2.00 MF$ 0.50

EVALUATION OF DATA OBTAINED FROM A 35 G HZ PROPAGATION EXPERIMENT TECHNICAL REPORT NO. 7.
N66-33443 4A S04 19 HC$ 1.00 MF$ 0.50

SEISMIC WAVE PROPAGATION IN LAYERED MEDIA. PART I SCIENTIFIC REPORT.
N66-33522 8K S04 19 HC$ 1.00 MF$ 0.50

WAVE TRANSMISSION, ELECTROMAGNETIC WAVES
REFLECTION AND TRANSMISSION OF ELECTROMAGNETIC WAVES BY A MOVING DIELECTRIC MEDIUM,
AD-641 733 20N T66 24

WAVEFORM GENERATORS, CALIBRATION
160 AND 160A POWER SUPPLIES, 161 AND 163 PULSE GENERATORS, 162 WAVEFORM GENERATOR (TEKTRONIX).
PB-173 504 9C U41 24 HC$ 1.00 MF$ 0.50

WAVEFORM GENERATORS, RESOLUTION
RESOLUTION OF MULTIPLE TARGETS IN CLUTTER.
AD-641 438 17I T66 24 HC$ 3.00 MF$ 0.75

WAVEGUIDE
DEVELOPMENT OF OPTICAL WAVEGUIDES AND COMPONENTS PROGRESS REPORT NO. 1339, FEB. 1965 - MAR. 1966.
N66-32757 20E S04 19 HC$ 3.00 MF$ 0.75

WAVEGUIDES, PHASE SHIFT
MEASUREMENT OF DIFFERENTIAL PHASE SHIFT,
AD-111 685 14B U41 24 HC$ 2.60

WEAR
FRICTION AND WEAR BEHAVIOR OF SLIDING BEARING MATERIALS IN SODIUM ENVIRONMENTS AT TEMPERATURES UP TO 600 DEG C.
N66-37936 20K S04 23 HC$ 2.00 MF$ 0.50

WEATHER FORECASTING
THE IDENTIFICATION AND MOVEMENT OF MESO-SCALE THUNDERSTORM SYSTEMS.
N66-33119 4B S04 19 HC$ 2.00 MF$ 0.50

VERIFICATION OF OBJECTIVE FORECASTS AT THE CENTRAL ANALYSIS OFFICE OF THE METEOROLOGICAL SERVICE OF CANADA.
N66-33205 4B S04 19 HC$ 2.00 MF$ 0.50

MESOMETEOROLOGY AND THE POSSIBILITIES OF FORECASTING LOCAL WEATHER.
N66-38715 4B S04 23 HC$ 1.00 MF$ 0.50

WEATHER FORECASTING, MATHEMATICAL MODELS
PERFORMANCE OF THE 6-LAYER BAROCLINIC (PRIMITIVE EQUATION) MODEL,
PB-173 426 4B U41 24 HC$ 1.00 MF$ 0.50

WEDGE
HYPERSONIC LAMINAR VISCOUS INTERACTION EFFECTS ON THE AERODYNAMICS OF TWO-DIMENSIONAL WEDGE AND TRIANGULAR PLANFORM WINGS.
N66-33017 1A S04 19 HC$ 3.00 MF$ 0.75

WEDGES, SHOCK WAVES
RADIATION COUPLED WEDGE FLOWS.
AD-641 886 20D T66 24

WEIGHT ANALYSIS
A DESIGN PROCEDURE FOR THE WEIGHT OPTIMIZATION OF STRAIGHT FINNED RADIATORS.
N66-32943 10B S04 19 HC$ 2.00 MF$ 0.50

WEIGHTLESSNESS
AN IMPORTANT STEP IN SPACE MEDICINE. SOME RESULTS OF THE EXPERIMENT ON THE COSMOS 110 SATELLITE.
N66-33725 6S S04 19 HC$ 1.00 MF$ 0.50

FLAMMABILITY IN ZERO-GRAVITY ENVIRONMENT.
N66-37777 21B S04 23 HC$ 2.00 MF$ 0.50

A TECHNIQUE TO INVESTIGATE SPACE MAINTENANCE TASKS,
N66-38115 5H S04 23 HC$ 1.00 MF$ 0.50

WEIGHTLESSNESS SIMULATION
EXPERIMENTAL STUDY OF DYNAMIC EFFECTS OF CREW MOTION IN A MANNED ORBITAL RESEARCH LABORATORY (MORL).
N66-38756 5H S04 23 HC$ 3.25 MF$ 1.25

WELD STRENGTH
DEVELOPMENT OF A RING BEAM WHEEL SURFACE WAVE SEARCH UNIT FINAL REPORT.
N66-38744 13H S04 23 HC$ 3.00 MF$ 0.75

WELDS, FATIGUE(MECHANICS)
FATIGUE OF PLATES AND WELDMENTS IN HY-100 AND HY-130/150 STEELS,
AD-480 198 20K U41 24 HC$ 4.00 MF$ 0.75

WELDS, NON-DESTRUCTIVE TESTING
ADVANCEMENT OF ULTRASONIC TECHNIQUES USING RERADIATED SOUND ENERGIES FOR NONDESTRUCTIVE EVALUATION OF WELDMENTS.
AD-641 354 13H T66 24 HC$ 1.00 MF$ 0.50

WIND CIRCULATION
VAPOUR CONCENTRATIONS AND DOSES DOWNWIND FROM A TERRAIN, CONTAMINATED WITH A PERSISTENT AGENT.
N66-38347 13B S04 23 HC$ 1.00 MF$ 0.50

WIND MEASUREMENT
SOME CHEMICAL ASPECTS OF UPPER-ATMOSPHERE RESEARCH.
N66-33418 4A S04 19 HC$ 1.00 MF$ 0.50

WIND TUNNEL
WIND-TUNNEL INVESTIGATION AT A MACH NUMBER OF 2.91 OF STABILITY AND CONTROL CHARACTERISTICS OF THREE LIFTING REENTRY CONFIGURATIONS AT ANGLES OF ATTACK UP TO 90 DEGREES.
N66-33306 1A S04 19 HC$ 2.00 MF$ 0.50

WIND TUNNEL MODEL
LOW-SPEED WIND-TUNNEL STUDIES RELATING TO PITCH-UP ON A SUPERSONIC TRANSPORT MODEL WITH A HIGH-ASPECT-RATIO VARIABLE SWEEP WING.
N66-33020 1C S04 19 HC$ 3.00 MF$ 0.75

AN EXPLORATORY INVESTIGATION OF A TRANSPORT CONFIGURATION DESIGNED FOR SUPERSONIC CRUISE FLIGHT NEAR A MACH NUMBER OF 3.
N66-33347 1A S04 19 HC$ 2.00 MF$ 0.50

FLUTTER INVESTIGATION AT A MACH NUMBER OF 7.2 OF MODELS OF THE HORIZONTAL-TAIL AND VERTICAL- TAIL SURFACES OF THE X-15 AIRPLANE.
N66-33350 20K S04 19 HC$ 2.00 MF$ 0.50

WIND TUNNEL STABILITY TEST
INVESTIGATION OF AERODYNAMIC CHARACTERISTICS OF AN AIRPLANE CONFIGURATION HAVING TAIL SURFACES OUTBOARD OF THE WING TIPS AT MACH NUMBERS OF 2.30, 2.97, AND 3.51.
N66-33331 1A S04 19 HC$ 2.50 MF$ 0.50

WINDOW
THE EFFECTS OF A GEMINI LEFT-HAND WINDOW ON EXPERIMENTS REQUIRING ACCURACY IN SIGHTING OR RESOLUTION.
N66-38142 20F S04 23 HC$ 2.00 MF$ 0.50

COMPUTATION OF THE PRESSURE-TIME HISTORY OF A SONIC BOOM SHOCK WAVE ACTING ON A WINDOW GLASS IN A BUILDING.
N66-38754 20A S04 23 HC$ 2.50 MF$ 0.50

WIND, CORRELATION TECHNIQUES
UPPER WIND CORRELATIONS IN THE CENTRAL ROCKY MOUNTAINS,
AD-641 668 4B T66 24 HC$ 2.00 MF$ 0.50

WIND, GUIDED MISSILE RANGES
WIND SHEAR CALCULATIONS FOR SMALL SHEAR LAYERS,
AD-641 744 4B T66 24 HC$ 1.00 MF$ 0.50

WING BODY
ADDITIONAL EXPERIMENTS WITH FLAT-TOP WING- BODY COMBINATIONS AT HIGH SUPERSONIC SPEEDS.
N66-33312 1A S04 19 HC$ 3.00 MF$ 0.50

AN INTEGRATED APPROACH TO THE ANALYSIS AND DESIGN OF WINGS AND WING-BODY COMBINATIONS IN SUPERSONIC FLOW.
N66-38749 1A S04 23 HC$ 1.00 MF$ 0.50

WING LOADING
FORCE AND PRESSURE-DISTRIBUTION INVESTIGATION TO HIGH ANGLES OF ATTACK ON ALL-MOVABLE TRIANGULAR AND RECTANGULAR WINGS IN COMBINATION WITH A BODY AT SUPERSONIC SPEEDS.
N66-33349 1A S04 19 HC$ 3.25 MF$ 1.25

WING PLANFORM
HYPERSONIC LAMINAR VISCOUS INTERACTION EFFECTS ON THE AERODYNAMICS OF TWO-DIMENSIONAL WEDGE AND TRIANGULAR PLANFORM WINGS.
N66-33017 1A S04 19 HC$ 3.00 MF$ 0.75

STABILITY AND CONTROL CHARACTERISTICS AT A MACH NUMBER OF 1.89 OF A LIGHTWEIGHT GLIDER REENTRY CONFIGURATION.
N66-33337 22C S04 19 HC$ 1.00 MF$ 0.50

WING TIP
INVESTIGATION OF AERODYNAMIC CHARACTERISTICS OF AN AIRPLANE CONFIGURATION HAVING TAIL SURFACES OUTBOARD OF THE WING TIPS AT MACH NUMBERS OF 2.30, 2.97, AND 3.51.
N66-33331 1A S04 19 HC$ 2.50 MF$ 0.50

WING TIP CONTROL
LOW-SPEED INVESTIGATION OF EFFECTS OF VERTICAL TAILS ON THE STATIC STABILITY CHARACTERISTICS OF A CANARD-BOMBER CONFIGURATION HAVING A VERY THIN WING AND A SLENDER ELLIPTICAL FUSELAGE.
N66-33336 1A S04 19 HC$ 1.00 MF$ 0.50

WINGED VEHICLE
PRELIMINARY INVESTIGATION OF INTERFERENCE EFFECTS OF MULTICOPLANAR FINS ON A TWO-STAGE ROCKET LAUNCH VEHICLE WITH WINGED SPACECRAFT AT TRANSONIC SPEEDS.
N66-33345 22D S04 19 HC$ 2.00 MF$ 0.50

WING-FUSELAGE COMBINATION
EFFECTS OF WING-FUSELAGE FLOW FIELDS ON MISSILE LOADS AT SUBSONIC SPEEDS.
N66-33314 1B S04 19 HC$ 1.00 MF$ 0.50

WIRE

INVESTIGATION OF MECHANICAL PROPERTIES OF CHROMIUM, CHROMIUM RHENIUM, AND DERIVED ALLOYS TWENTY-THIRD QUARTERLY PROGRESS REPORT, OCT. 1, 1965 - MAR. 31, 1966.
N66-33432 11F S04 19 HC$ 1.00 MF$ 0.50

WISCONSIN, PAPER INDUSTRY
THE UTILIZATION OF SURPLUS WOODS FOR PULP AND PAPER IN THE FIVE COUNTY AREA COMPOSED OF ASHLAND, PAYFIELD, DOUGLAS, IRON, AND PRICE COUNTIES OF NORTHERN WISCONSIN.
PB-173 506 11L U41 24 HC$ 4.00 MF$ 0.75

WOOD, BRITISH COLUMBIA
PROPERTIES AND UTILIZATION OF LODGEPOLE PINE IN WESTERN CANADA.
PB-173 469 11L U41 24 HC$ 2.60 MF$ 0.50

WOOD, JOINTS
THE STRENGTH AND STIFFNESS OF NAILED JOINTS UNDER SHORT-DURATION LOADING.
PB-173 475 13H U41 24 HC$ 2.00 MF$ 0.50

WOOD, MECHANICAL PROPERTIES
THE MECHANICAL PROPERTIES OF 81 NEW GUINEA TIMBERS.
PB-173 470 11L U41 24 HC$ 3.60 MF$ 0.50

WORD ASSOCIATION, LEARNING
LEARNING AND SHORT-TERM RETENTION OF PAIRED ASSOCIATES IN RELATION TO SPECIFIC SEQUENCES OF INTERPRESENTATION INTERVALS.
AD-641 395 5J T66 24 HC$ 3.00 MF$ 0.75

X RAYS, MOON
DETECTABILITY OF LUNAR X-RAYS.
AD-641 543 3B T66 24

XENON LAMPS, SIGNAL LIGHTS
IMPROVEMENT OF COMMUNICATION ARC LAMPS FOR VISIBLE AND INFRARED SIGNALLING EQUIPMENT.
AD-641 399 17B T66 24 HC$ 1.00 MF$ 0.50

XENON, FISSION PRODUCTS
CONTRIBUTION A L ETUDE DE LA DESORPTION DES GAZ DE FISSION FORMES DANS L OXYDE D URANIUM IRRADIE (CONTRIBUTION TO THE STUDY OF THE DESORPTION OF FISSION GASES FORMED IN IRRADIATED URANIUM OXIDE),
PB-173 389 18G U41 24 HC$ 2.00 MF$ 0.50

X- 15 AIRCRAFT
STAGNATION AND STATIC PRESSURES ON A NOSE-MOUNTED 15 DEG CONICAL PROBE WITH VARIOUS FOREBODY CONFIGURATIONS.
N66-33018 1A S04 19 HC$ 4.00 MF$ 1.00

STATIC LONGITUDINAL, DIRECTIONAL, AND LATERAL STABILITY AND CONTROL DATA AT A MACH NUMBER OF 6.83 OF THE FINAL CONFIGURATION OF THE X- 15 RESEARCH AIRPLANE.
N66-33328 1D S04 19 HC$ 3.00 MF$ 0.75

TRANSONIC FLUTTER INVESTIGATION OF MODELS OF PROPOSED HORIZONTAL TAILS FOR THE X-15 AIRPLANE.
N66-33328 1A S04 19 HC$ 2.00 MF$ 0.50

TRANSONIC FLUTTER INVESTIGATION OF MODELS OF THE X-15 AIRPLANE HORIZONTAL TAIL.
N66-33329 1A S04 19 HC$ 2.00 MF$ 0.50

FLUTTER INVESTIGATION AT A MACH NUMBER OF 7.2 OF MODELS OF THE HORIZONTAL-TAIL AND VERTICAL- TAIL SURFACES OF THE X-15 AIRPLANE.
N66-33350 20K S04 19 HC$ 2.00 MF$ 0.50

X-RAY DIFFRACTION
DIFFRACTOMETRIC RESEARCH IN THE FIELD OF DISORDERED STRUCTURES.
N66-38060 20B S04 23 HC$ 1.00 MF$ 0.50

X-RAY MEASUREMENT OF RESIDUAL STRESSES IN TITANIUM ALLOY SHEET.
N66-38113 11F S04 23 HC$ 2.00 MF$ 0.50

X-RAY DIFFRACTION ANALYSIS, GRAPHICS
ON THE CURVES IN THE GRENINGER AND LEONHARDT NETS.
AD-641 483 20B T66 24

X-RAY SCATTERING
INVESTIGATION OF INFRA-RED ABSORPTION AND LOW ANGLE X-RAY SCATTERING OF TEKTITES SEMIANNUAL STATUS REPORT, 1 DEC. 1965 - 30 JUN. 1966.
N66-33442 8G S04 19 HC$ 2.00 MF$ 0.50

FEASIBILITY STUDY FOR AN X-RAY BACKSCATTER FREE AIR DENSITY SENSOR.
N66-38688 14B S04 23 HC$ 3.00 MF$ 1.00

X-RAY SPECTRUM, AURORAE
ENERGY SPECTRUM FOR AURORAL-ZONE X RAYS, I. DIURNAL AND TYPE EFFECTS,
AD-641 458 4A T66 24

SPATIAL AND TEMPORAL CHARACTER OF FAST VARIATIONS IN AURORAL ZONE X RAYS.
AD-641 459 4A T66 24

X-RAY STRESS MEASUREMENT
EXPERIMENTAL X-RAY STRESS ANALYSIS PROCEDURES FOR ULTRA HIGH STRENGTH MATERIALS.
N66-33410 11F S04 19 HC$ 1.00 MF$ 0.50

YTTRIUM
VAPOR PRESSURE IN SOLID YTTRIUM.
N66-33677 20M S04 19 HC$ 1.00 MF$ 0.50

YTTRIUM, NUCLEAR MAGNETIC RESONANCE
27AL AND 89Y NUCLEAR MAGNETIC RESONANCE IN YTTRIUM-ALUMINUM GARNET,
AD-641 772 20L T66 24

Z TRANSFORM
MULTICHANNEL Z-TRANSFORMS AND MINIMUM-DELAY SCIENTIFIC REPORT NO. 35.
N66-38296 8G S04 23 HC$ 3.00 MF$ 0.50

ZERO ANGLE OF ATTACK
HEAT-TRANSFER AND PRESSURE DISTRIBUTIONS ON A FLAT-FACE ROUNDED-CORNER BODY OF REVOLUTION WITH AND WITHOUT A FLAP AT A MACH NUMBER OF 8.
N66-33334 20M S04 19 HC$ 2.50 MF$ 0.75

ZERO POWER REACTOR II (ZPR-II)
CRITICAL MASS STUDIES WITH THE NASA ZERO POWER REACTOR II. II - HETEROGENEOUS ARRAYS OF CYLINDRICAL VOIDS.
N66-33021 18L S04 19 HC$ 1.00 MF$ 0.50

ZINC, CYCLOTRON RESONANCE PHENOMENA
CYCLOTRON RESONANCE IN ZINC.
AD-641 621 20L T66 24

ZIRCONIUM
DIFFUSION OF URANIUM IN MOLYBDENUM, NIOBIUM, ZIRCONIUM, AND TITANIUM.
N66-33719 7B S04 19 HC$ 1.00 MF$ 0.50

ZIRCONIUM ALLOYS, CORROSION RESISTANCE
INVESTIGATION OF THE OXIDATION RESISTANCE OF ZIRCONIUM BORIDE-MOLYBDENUM DISILICIDE ALLOYS.
AD-641 938 11F T66 24 HC$ 1.00 MF$ 0.50

ZIRCONIUM, NUCLEAR ENERGY LEVELS
NUCLEON SINGLE-PARTICLE LEVELS IN A DIFFUSE NONLOCAL POTENTIAL WELL.
AD-641 542 20H T66 24

ZONAL HARMONICS
COMPUTATIONAL PROCEDURE FOR VINTI S ACCURATE REFERENCE ORBIT WITH INCLUSION OF THE THIRD ZONAL HARMONIC.
N66-33966 22C S04 19 HC$ 1.00 MF$ 0.50

ZONE REFINING
EASY GLIDE IN MOLYBDENUM CRYSTALS.
N66-33484 11F S04 19 HC$ 1.00 MF$ 0.50

PERSONAL AUTHOR INDEX

AABAKKEN, BJARNE
SURVEY OF ACTIVITIES 1965,
PB-173 472 18 U41 24 HC$ 12.60 MF$ 0.75

ABECASIS, S. M.
QUEERNESSES IN THE DEFORMATION CHART,
AD-641 463 20H T66 24 HC$ 2.00 MF$ 0.50

DISINTEGRATION OF SN113,
AD-641 746 18H T66 24 HC$ 2.00 MF$ 0.50

ABELES, F. B.
ETHYLENE PRODUCTION FROM LINOLENIC ACID,
AD-641 941 6A T66 24

ABENS, S. G.
DEVELOPMENT OF HIGH ENERGY DENSITY PRIMARY BATTERIES FOURTH QUARTERLY REPORT, 22 MAR. - 21 JUN. 1966.
N66-37685 10C S04 23 HC$ 2.50 MF$ 0.75

ABERT, J. G.
SOME PROBLEMS IN COST ANALYSIS,
AD-469 240 14A U41 24 HC$ 2.00 MF$ 0.50

ABLOW, CLARENCE M.
SYNTHESIS OF AUTOMATA BY DECOMPOSITION TECHNIQUES,
AD-641 672 9B T66 24 HC$ 1.00 MF$ 0.50

ABLYAYEV, SH. A.
CONTRIBUTION TO THE THEORY OF THE ADSORPTION EFFECT AT THE SURFACE OF SEMICONDUCTORS AND GELS UNDER THE ACTION OF IONIZING RADIATION.
N66-33676 20L S04 19 HC$ 1.00 MF$ 0.50

ABRAHAM, P. B.
CALCULATION OF FUNCTIONALS OF MATRICES ARISING IN SOLID STATE PHYSICS AND QUANTUM CHEMISTRY,
N66-33491 20B S04 19 HC$ 3.75 MF$ 1.50

ABRAMSON, H. N.
FUEL SLOSHING STUDIES QUARTERLY PROGRESS REPORT NO. 15, 1 OCT. - 31 DEC. 1965.
N66-34071 20D S04 19 HC$ 1.00 MF$ 0.50

ABRAMS, A. HAROLD
MODIFICATION OF THE CONTROLS OF THE IP-48/APA-56 RANGE-AZIMUTH INDICATOR.
AD-641 450 5E T66 24

ABT, LAWRENCE EDWIN
REPORT OF INTENSIVE INVESTIGATIONS OF THE PERSONALITY CHARACTERISTICS OF FORTY EIGHT ABOVE-THE-KNEE AMPUTEES,
AD-641 317 6E T66 24 HC$ 6.00 MF$ 1.25

ACHENBACH, JAN D.
FORCED MOTIONS OF AN ENCASED CYLINDER OF DECREASING THICKNESS,
AD-641 846 20K T66 24

ACHTER, M. R.
PREPARATION AND CHARACTERIZATION OF ULTRA-PURE SOLIDS.
AD-641 958 20L T66 24 HC$ 3.00 MF$ 0.75

ADAMS, J. D.
STUDY OF MAN DURING A 56-DAY EXPOSURE TO AN OXYGEN-HELIUM ATMOSPHERE AT 258 MM. HG TOTAL PRESSURE. II. MAJOR AND MINOR ATMOSPHERIC COMPONENTS,
AD-641 819 6S T66 24

ADAWI, I.
EVALUATION OF SOME TRANSPORT INTEGRALS,
AD-641 678 20J T66 24

ELECTRON-DENSITY OSCILLATIONS IN A GENERAL POTENTIAL,
AD-641 887 20L T66 24

NOTE ON IONIZED IMPURITY SCATTERING IN SOLIDS,
AD-641 889 20L T66 24

ADEY, W. R.
COMPREHENSIVE SPECTRAL ANALYSIS OF HUMAN EEG GENERATORS IN POSTERIOR CEREBRAL REGIONS,
AD-641 374 6P T66 24

SPECTRAL ANALYSIS TECHNIQUES AND PATTERN RECOGNITION METHODS FOR ELECTROENCEPHALOGRAPHIC DATA,
N66-33387 6B S04 19 HC$ 2.00 MF$ 0.50

ADILETTA, JOSEPH G.
LAYOUT OF THE COMBAT INFORMATION CENTER IN THE PO-2W AIRCRAFT,
AD-641 449 15C T66 24 HC$ 7.60 MF$ 0.75

MODIFICATION OF THE CONTROLS OF THE IP-48/APA-56 RANGE-AZIMUTH INDICATOR.
AD-641 450 5E T66 24

ADLER, E.
POLARIZATION DEPENDENCE OF THE INDIRECT PIEZOABSORPTION COEFFICIENT IN GE AND SI.
AD-641 523 20L T66 24

ADLER, I.
LUNAR STRUCTURES AS DEDUCED FROM MUONG NONG TEKTITES.
N66-32956 3B S04 19 HC$ 1.00 MF$ 0.50

ADLER, J. G.
EFFECT OF ALLOYING ON THE PHONON SPECTRUM OF LEAD-INDIUM ALLOYS,
AD-641 768 20B T66 24

ADLER, M. F.
COMPUTER SIMULATION OF VACANCY MIGRATION,
AD-641 384 20B T66 24

AEIN, J. M.
MULTIPLE ACCESS TO A COMMUNICATION SATELLITE WITH A HARD-LIMITING REPEATER. VOLUME I. MODULATION TECHNIQUES AND THEIR APPLICATIONS,
AD-457 945 22B U41 24 HC$ 3.00

MULTIPLE ACCESS TO A COMMUNICATION SATELLITE WITH A HARD-LIMITING REPEATER,
AD-465 789 22B U41 24 HC$ 6.00 MF$ 1.50

AGEE, FRANK L., JR.
PROBLEMS IN DEPTH PERCEPTIONS EQUIDISTANCE JUDGMENTS IN THE VICINITY OF A BINOCULAR ILLUSION,
AD-641 476 5J T66 24 HC$ 1.00 MF$ 0.50

AGNEW, H. W., JR.
THE FIRST NIGHT EFFECT AN EEG STUDY OF SLEEP,
AD-641 524 6P T66 24

THE SLEEP OF DEPRESSED PATIENTS,
AD-641 525 6P T66 24

AHLBORN, T. J.
ON DIRECTED GRAPHS AND RELATED TOPOLOGICAL SPACES TECHNICAL REPORT NO. 2.
N66-33402 12A S04 19 HC$ 2.00 MF$ 0.50

AHRABI, MOHAMMAD RAHIM
CONTRIBUTION A L ETUDE SUR UN NOUVEL EFFET DE CONVERSION D ENERGIE IONISANTE EN ELECTRICITE (CONTRIBUTION TO THE STUDY OF A NEW IONISING-ENERGY CONVERSION EFFECT IN ELECTRICITY).
PB-173 382 10A U41 24 HC$ 3.00 MF$ 0.75

AKENS, D. S.
HISTORY OF THE GEORGE C. MARSHALL SPACE FLIGHT CENTER, JULY 1 THROUGH DECEMBER 31, 1964, VOLUME ONE NINTH SEMIANNUAL HISTORY.
N66-38017 14B S04 23 HC$ 6.00 MF$ 1.50

AKIMENKO, A. D.
FEATURES OF FILM BOILING IN SURFACE WATER COOLING.
N66-33689 20M S04 19 HC$ 1.00 MF$ 0.50

ALEXANDER, E. RUSSEL
STUDIES OF INFECTIOUS DISEASES OF TAIWAN,
AD-641 987 6E T66 24 HC$ 1.00 MF$ 0.50

ALEXEFF, I.
SCATTERING OF ENERGETIC PARTICLES BY LABORATORY PLASMAS.
N66-34076 20I S04 19 HC$ 2.00 MF$ 0.50

ALFORD JR, W. J.
EFFECTS OF WING-FUSELAGE FLOW FIELDS ON MISSILE LOADS AT SUBSONIC SPEEDS.
N66-33314 1B S04 19 HC$ 1.00 MF$ 0.50

ALLAN, BARRY D.
AN INVESTIGATION OF THE RHEOLOGY OF GELS,
AD-641 484 20D T66 24 HC$ 1.00 MF$ 0.50

ALLEN, HARRY C., JR.
RESEARCH ON CRYSTAL GROWTH AND CHARACTERIZATION AT THE NATIONAL BUREAU OF STANDARDS, JUNE 1966,
NBS-TN-293 20B U41 24 HC$ 0.25 MF$ 0.50

ALLER, L. H.
PHOTOELECTRIC SPECTROPHOTOMETRY OF ETA CARINAE.
AD-641 443 3A T66 24

SPECTROPHOTOMETRIC STUDIES OF GASEOUS NEBULAE. V. MEASUREMENT OF LINE INTENSITIES IN PLANETARY NEBULAE WITH AN ELECTRONIC CAMERA.
AD-641 447 3A T66 24

STUDIES OF THE SOLAR SYSTEM AND PROBABLE LUNAR ABUNDANCES OF ELEMENTS OF GEOCHEMICAL AND METALLURGICAL SIGNIFICANCE STATUS REPORT.
N66-38709 3B S04 23 HC$ 2.00 MF$ 0.50

ALMAGUER JR, T. A.
RANGER BLOCK III ATTITUDE CONTROL SYSTEM - MANUFACTURING, TESTING, AND PERFORMANCE.
N66-38501 22B S04 23 HC$ 3.00 MF$ 0.75

ALPERT, D.
RESEARCH RELATED TO AN EXPERIMENTAL TEST OF GENERAL RELATIVITY SEMIANNUAL STATUS REPORT, 1 JAN. - 30 JUN. 1966.
N66-34867 20J S04 19 HC$ 2.00 MF$ 0.50

ALTOMARE, S.
HEAT-TRANSFER ANALYSIS OF THE PLUM BROOK REACTOR.
N66-33973 18I S04 19 HC$ 2.00 MF$ 0.50

AMPARANO, M.
ROCKET LAUNCHER STUDIES,
AD-449 718 19D U41 24 HC$ 2.00

ANANTHARAMAN, T. R.

ORDER-DISORDER TRANSFORMATIONS AT 2 1 COMPOSITION IN THE CADMIUM-MERCURY SYSTEM,
AD-641 798 20B T66 24

ANDAY, M. C.
CORRELATION AND CONFERENCE OF PORTABLE NUCLEAR DENSITY AND MOISTURE SYSTEMS,
PB-173 496 8M U41 24 HC$ 3.00 MF$ 0.75

ANDERSON, A. D.
THE NRDL DYNAMIC MODEL FOR FALLOUT FROM LAND SURFACE NUCLEAR BURSTS,
AD-236 207 18C U41 24 HC$ 5.60

ANDERSON, B. D.
DEGENERATE NETWORKS,
AD-641 469 9E T66 24

PROPOSED ADJUSTABLE TUNED CIRCUITS FOR MICROELECTRONIC STRUCTURES,
AD-641 473 9E T66 24

ANDERSON, LARRY B.
TWIN-ELECTRODE THIN-LAYER ELECTROCHEMISTRY DETERMINATION OF CHEMICAL REACTION RATES BY DECAY OF STEADY-STATE CURRENT,
AD-641 765 7D T66 24

ANDERSSON, T. L.
REACTION RATE DISTRIBUTIONS AND RATIOS IN FRO ASSEMBLIES 1, 2, AND 3.
N66-33125 18K S04 19 HC$ 3.00 MF$ 0.75

ANDREAS, B. G.
TRANSFER EFFECTS IN FOLLOWING TRACKING RESULTING FROM REVERSAL OF THE DISPLAY-CONTROL RELATIONSHIP ON ALTERNATE BLOCKS OF TRIALS,
AD-51 494 5E U41 24 HC$ 1.10

ANDRES, K.
ELECTRON DENSITY AND ELECTRONIC PROPERTIES IN NOBLE-METAL TRANSITION ELEMENTS.
AD-641 796 20C T66 24

ANJARD, R. P.
PRODUCTION ENGINEERING MEASURE TO IMPROVE PRODUCTION TECHNIQUES AND INCREASE THE RELIABILITY OF THE SCL7004/21 AND SCL7004/22 TRANSISTORS.
AD-641 877 9A T66 24 HC$ 3.00 MF$ 0.75

ANTHONY, H. V.
STUDY OF CONTAMINATION SENSORS. VOLUME II - FINAL TECHNICAL REPORT.
N66-37943 14B S04 23 HC$ 7.00 MF$ 2.00

STUDY OF CONTAMINATION SENSORS, VOLUME I - EXECUTIVE SUMMARY REPORT.
N66-37944 14B S04 23 HC$ 2.00 MF$ 0.50

ANTONOVA, YE. A.
HEAT-RESISTANT CHROMIUM CARBIDE COATING WITH A SILICATE BINDER,
N66-33698 11F S04 19 HC$ 1.00 MF$ 0.50

ARAKI, H.
EQUIVALENCE OF LOCALITY AND PARALOCALITY IN FREE PARAFIELD THEORY,
AD-641 627 20J T66 24

ARBIT, H. A.
FLUORINE-HYDROGEN PERFORMANCE EVALUATION. PHASE I, PART I - ANALYSIS, DESIGN, AND DEMONSTRATION OF HIGH PERFORMANCE INJECTORS FOR THE LIQUID FLUORINE-GASEOUS HYDROGEN COMBINATION FINAL REPORT.
N66-32923 21H S04 19 HC$ 3.75 MF$ 1.25

ARCHER, ROBERT J.
INVESTIGATION AND DEVELOPMENT OF SEMICONDUCTOR-METAL CATHODES.
AD-641 614 9A T66 24 HC$ 3.00 MF$ 0.75

ARKNASON, G.
RELATIONSHIPS BETWEEN TROPICAL PRECIPITATION AND KINEMATIC CLOUD MODELS FINAL TECHNICAL REPORT, 15 AUG. 1965 - 14 FEB. 1966.
N66-33328 4A S04 23 HC$ 2.00 MF$ 0.50

ARMENDARIZ, MANUEL
UPPER WIND CORRELATIONS IN THE CENTRAL ROCKY MOUNTAINS,
AD-641 668 4B T66 24 HC$ 2.00 MF$ 0.50

WIND SHEAR CALCULATIONS FOR SMALL SHEAR LAYERS,
AD-641 744 4B T66 24 HC$ 1.00 MF$ 0.50

ARMSTRONG, N. A.
FLIGHT SIMULATED OFF-THE-PAD ESCAPE AND LANDING MANEUVERS FOR A VERTICALLY LAUNCHED HYPERSONIC GLIDER.
N66-33330 1B S04 19 HC$ 2.00 MF$ 0.50

ARONOV, D. A.
CONTRIBUTION TO THE THEORY OF THE ADSORPTION EFFECT AT THE SURFACE OF SEMICONDUCTORS AND GELS UNDER THE ACTION OF IONIZING RADIATION.
N66-33676 20L S04 19 HC$ 1.00 MF$ 0.50

ARSENTYEV, V. V.
THEORY OF PULSE DISCHARGES IN A LIQUID MEDIUM.
N66-33700 20I S04 19 HC$ 1.00 MF$ 0.50

ARTHUR, D. W.
COMMUNICATIONS OF THE LUNAR AND PLANETARY LABORATORY, VOLUME 5, PART 1, NUMBER 70.
N66-38712 3B S04 23 HC$ 4.00 MF$ 1.25

ASCHNER, J. F.
INFRARED ABSORPTION OF UNIAXIALLY STRESSED GERMANIUM.
AD-641 522 20L T66 24

AUKERMAN, C.
EXPERIMENTAL HYDROGEN-FLUORINE ROCKET PERFORMANCE AT LOW PRESSURES AND HIGH RATIOS.
N66-33325 21I S04 19 HC$ 2.00 MF$ 0.50

AUKERMAN, C. A.
EXPERIMENTAL PERFORMANCE OF A HYDROGEN- FLUORINE ROCKET ENGINE AT SEVERAL CHAMBER PRESSURES AND EXHAUST-NOZZLE EXPANSION AREA RATIOS,
N66-33348 21H S04 19 HC$ 2.00 MF$ 0.50

EXPERIMENTAL ROCKET PERFORMANCE OF APOLLO STORABLE PROPELLANTS IN ENGINES WITH LARGE AREA RATIO NOZZLES.
N66-33454 21I S04 19 HC$ 2.00 MF$ 0.50

AUSTIN, C. M.
SPACE CELL TEST PROGRAM MONTHLY PROGRESS REPORT, 31 JUL. 1966.
N66-38788 10C S04 23 HC$ 5.00 MF$ 1.25

AVEN, M.
NEW SOLID-STATE DEVICE CONCEPTS,
AD-641 456 9A T66 24 HC$ 3.00 MF$ 0.50

AVRON, M.
MECHANISM OF PHOTOPHOSPHORYLATION FINAL REPORT.
N66-38368 6A S04 23 HC$ 1.00 MF$ 0.50

AYLWARD, JOHN R.
INVESTIGATION OF MECHANISMS FOR ELECTROCHEMICAL CATALYSIS.
AD-641 412 10B T66 24 HC$ 2.00 MF$ 0.50

AZIZ, A. K.
A GENERALIZED GOURSAT PROBLEM FOR ELLIPTIC EQUATIONS,
AD-641 724 12A T66 24

BABINSKY, A. D.
CARBON DIOXIDE CONCENTRATION SYSTEM FINAL REPORT.
N66-38499 6K S04 23 HC$ 3.25 MF$ 1.25

BACHER, A. D.
DEUTERON ELASTIC SCATTERING FROM HE3 AND H3,
AD-641 998 20H T66 24

BACHRACH, URIEL
INHIBITION OF PROTEIN SYNTHESIS BY SPERMINE IN GROWING CELLS OF STAPHYLOCOCCUS AUREUS,
AD-641 951 6M T66 24

BADNER, JULIUS
PERFORMANCE OF THE 6-LAYER BAROCLINIC (PRIMITIVE EQUATION) MODEL.
PB-173 426 4B U41 24 HC$ 1.00 MF$ 0.50

BAER, J. A.
FEASIBILITY BREADBOARD OF AN ALL-MAGNETIC PCM TELEMETRY SYSTEM,
N66-38423 9F S04 23 HC$ 2.00 MF$ 0.50

BAER, SHALOM
PROPERTIES OF LATTICE AND CONTINUUM VAN DER WAALS FLUIDS AT THE CRITICAL POINT,
AD-641 633 20H T66 24

BAGINSKI, W. A.
STATE-OF-THE-ART SURVEY OF DISSIMILAR METAL JOINING BY SOLID STATE WELDING.
N66-32787 13H S04 19 HC$ 2.00 MF$ 0.50

BAGNETTO, LUCIEN
THERMAL STABILITY OF HYDROCARBON FUELS.
AD-641 419 21D T66 24 HC$ 6.00 MF$ 1.50

BAILEY, B.
PRESSURIZATION OF LIQUID OXYGEN CONTAINERS PROGRESS REPORT NO. 7, NOV. 1963 - NOV. 1964.
N66-33180 20H S04 19 HC$ 3.00 MF$ 0.75

BAILEY, S. O.
USING A PARALLEL-T NETWORK FOR DEVELOPING QUADRATURE VOLTAGES AT VARIABLE FREQUENCIES.
AD-641 985 9A T66 24 HC$ 2.00 MF$ 0.50

BAILEY, WILLIAM J.
THE SYNTHESIS AND CHARACTERIZATION OF SPIRO POLYMERS,
AD-641 873 7C T66 24 HC$ 2.00 MF$ 0.50

BAILEY, W. A.
DUCTILITY LIMITATIONS OF ALUMINUM-SILICON ALLOYS.
N66-38791 11F S04 23 HC$ 2.00 MF$ 0.50

BAKER, KATHERINE E.
TRANSFER OF DISCRIMINATION TO A MOTOR TASK.
AD-641 583 5I T66 24 HC$ 3.60 MF$ 0.50

ON THE RELATION BETWEEN SIMILARITY AND TRANSFER OF TRAINING IN THE LEARNING OF DISCRIMINATIVE MOTOR TASKS.
AD-641 585 5I T66 24 HC$ 2.00 MF$ 0.50

TRANSFER OF TRAINING TO A MOTOR SKILL AS A FUNCTION OF VARIATION IN RATE OF RESPONSE.
AD-641 586 5I T66 24 HC$ 1.00 MF$ 0.50

TRANSFER OF TRAINING TO A MOTOR TASK IN RELATION TO STIMULUS SIMILARITY.

AD-641 587 51 T66 24 HC$ 3.60 MF$ 0.50

BAKHMAN, N. N.
AN EXPRESSION FOR THE BURNING VELOCITY IN SIMULTANEOUS HOMOGENEOUS AND HETEROGENEOUS REACTIONS,
AD-641 866 21B T66 24 HC$ 1.00 MF$ 0.50

BALA, P. F.
WINGED HULL - STABILITY AND CONTROL STUDY,
AD-641 901 20D T66 24 HC$ 5.00 MF$ 1.00

BALDWIN, G. C.
A TIME-OF-FLIGHT ELECTRON VELOCITY SPECTROMETER,
AD-641 394 14B T66 24 HC$ 3.00 MF$ 0.50

BALES, LYNDA J.
EXPOSURE OF TRADESCANTIA MICROSPORES TO PERIODIC VIBRATIONS OF 40-100 HERTZ,
AD-641 656 6C T66 24 HC$ 1.00 MF$ 0.50

BALLINGER, J. C.
FEASIBILITY STUDY OF FREEZE-OUT TECHNIQUES FOR CONTAMINANT CONTROL WITHIN MANNED SPACECRAFT ATMOSPHERES FINAL TECHNICAL REPORT, 11 OCT. 1965 - 11 APR. 1966.
N66-33198 5E S04 19 HC$ 5.00 MF$ 1.00

BALL, J.
STUDY OF MAN DURING A 56-DAY EXPOSURE TO AN OXYGEN-HELIUM ATMOSPHERE AT 258 MM. HG TOTAL PRESSURE. X. ENTERIC MICROBIAL FLORA,
AD-641 817 6S T66 24

BANCROFT, RICHARD W.
SOME CARDIOVASCULAR RESPONSES IN ANESTHETIZED DOGS DURING REPEATED DECOMPRESSIONS TO A NEAR-VACUUM,
AD-641 578 6S T66 24 HC$ 1.00 MF$ 0.50

BANKS, DALLAS O.
SOME INEQUALITIES FOR THE FUNDAMENTAL FREQUENCY OF A NONHOMOGENEOUS MEMBRANE,
AD-641 707 12A T66 24

BANNIKOV, A. I.
MEASUREMENTS OF THE INTENSITY OF TURBULENCE IN A GAS FLOW BY THE THERMOELECTRIC METHOD,
N66-33686 20D S04 19 HC$ 1.00 MF$ 0.50

BARACH, J. P.
MEASUREMENTS OF A PRECURSOR ELECTRON FRONT.
AD-641 714 14B T66 24

FLOW MODES IN ELECTRIC SHOCK TUBES,
AD-641 715 20D T66 24

BARAKAT, H.
PRESSURIZATION OF LIQUID OXYGEN CONTAINERS PROGRESS REPORT NO. 7, NOV. 1963 - NOV. 1964.
N66-33180 20M S04 19 HC$ 3.00 MF$ 0.75

BARBER, J. B.
A THEORETICAL AND EXPERIMENTAL INVESTIGATION OF SECONDARY JETS IN A MACH 6 FREE STREAM WITH EMPHASIS ON THE STRUCTURE OF THE JET AND SEPARATION AHEAD OF THE JET.
N66-32721 20D S04 19 HC$ 2.00 MF$ 0.50

BARBER, T. ...
A MINERAL TRANSITION IN ATMOSPHERIC DUST TRANSPORT,
AD-641 706 8G T66 24 HC$ 2.00 MF$ 0.50

BARCUS, J. R.
ENERGY SPECTRUM FOR AURORAL-ZONE X RAYS. I. DIURNAL AND TYPE EFFECTS,
AD-641 458 4A T66 24

SPATIAL AND TEMPORAL CHARACTER OF FAST VARIATIONS IN AURORAL ZONE X RAYS,
AD-641 459 4A T66 24

BARHAM, E. G.
PLANKTON AND TURBIDITY.
AD-641 833 8A T66 24 HC$ 3.00 MF$ 0.75

BARKLEY III, A. J.
EXPERIMENTAL X-RAY STRESS ANALYSIS PROCEDURES FOR ULTRA HIGH STRENGTH MATERIALS.
N66-33410 11F S04 19 HC$ 1.00 MF$ 0.50

BARNES, R.
HIGH TEMPERATURE STABLE CARBORANE ADHESIVES SECOND QUARTERLY PROGRESS REPORT, MAR. 21 - JUN. 20, 1966.
N66-33493 11A S04 19 HC$ 2.00 MF$ 0.50

BARON, MELVIN L.
CLOSE-IN EFFECTS OF NUCLEAR EXPLOSIONS. PART II. ANALYSIS OF GROUND SHOCK FROM NUCLEAR SURFACE BURSTS ON ROCK,
AD-641 311 8M T66 24 HC$ 4.00 MF$ 0.75

BARRANGER, J.
INVESTIGATION OF MAGNETICALLY SOFT, HIGH-TEMPERATURE COBALT-IRON ALLOY.
N66-33750 11F S04 23 HC$ 1.00 MF$ 0.50

BARRETT, C. W.
PULSE COMPRESSION OPTICAL RANGING STUDY.
AD-465 151 20C U41 24 HC$ 2.00 MF$ 0.50

BARTEK, M. J.
STUDY OF MAN DURING A 56-DAY EXPOSURE TO AN OXYGEN-HELIUM ATMOSPHERE AT 258 MM. HG TOTAL PRESSURE. IV. SELECTED BLOOD ENZYME RESPONSE,
AD-641 805 6S T66 24

BARTLETT, E. S.
DEVELOPMENT OF PRACTICE FOR COMPOSITE ROLLING OF STRUCTURAL METAL PANELS.
AD-641 488 13H T66 24 HC$ 3.00 MF$ 0.75

BARTLEY, A. J.
A STUDY OF MAN S PHYSICAL CAPABILITIES ON THE MOON. VOLUME IV - INVESTIGATION OF LUNAR GRAVITY SIMULATION TECHNIQUES.
N66-38799 6B S04 23 HC$ 2.50 MF$ 0.50

BARTOO, E. R.
EXPERIMENTS WITH HYDROGEN AND OXYGEN IN REGENERATIVE ENGINES AT CHAMBER PRESSURES FROM 100 TO 300 POUNDS PER SQUARE INCH ABSOLUTE.
N66-33344 21H S04 19 HC$ 2.00 MF$ 0.50

BASS, BERNARD M.
EFFECTS ON THE SUBSEQUENT PERFORMANCE OF NEGOTIATORS OF STUDYING ISSUES OR PLANNING STRATEGIES ALONE OR IN GROUPS,
AD-641 385 5J T66 24

SOME EFFECTS ON BUSINESS GAMING OF PREVIOUS QUASI-T GROUP AFFILIATIONS.
AD-641 652 5A T66 24 HC$ 1.00 MF$ 0.50

BATT, WILLIAM L., JR.
THE COMMUNITY AND ECONOMIC DEVELOPMENT,
PB-173 460 5C U41 24 HC$ 2.00 MF$ 0.50

BAUER, SIMON H.
ELECTRON DIFFRACTION STUDIES AT ELEVATED TEMPERATURES.
AD-641 659 7D T66 24 HC$ 2.00 MF$ 0.50

BAUMEISTER, K. J.
HEAT-TRANSFER ANALYSIS OF THE PLUM BROOK REACTOR.
N66-33973 18I S04 19 HC$ 2.00 MF$ 0.50

BAUMSTARK, G. A.
PROCUREMENT AND DEVELOPMENT PROGRAM FOR NICKEL-CADMIUM CELLS TO SPECIFICATION S-615-P-2 TECHNICAL STATUS REPORT NO. 12, MAY 25 - AUG. 26, 1966.
N66-38706 10C S04 23 HC$ 1.00 MF$ 0.50

BAUTISTA, R. G.
SUBLIMATION PRESSURES OF REFRACTORY FLUORIDES.
N66-33392 7D S04 19 HC$ 1.00 MF$ 0.50

BAVAREZ, E.
TRAFFIC SIGNAL SYNCHRONIZATION ON A ONE-WAY STREET.
AD-641 844 13B T66 24 HC$ 2.00 MF$ 0.50

BAXTER, T. G.
RANGER BLOCK III ATTITUDE CONTROL SYSTEM - MANUFACTURING, TESTING, AND PERFORMANCE.
N66-38501 22B S04 23 HC$ 3.00 MF$ 0.75

BAYBORODIN, A. L.
RESEARCH IN GEODETIC GRAVIMETRY,
AD-641 753 8E T66 24 HC$ 4.00 MF$ 1.00

BEALE, T. R.
DYNAMIC STABILITY OF A UNIFORM FREE-FREE BEAM UNDER A GIMBALED THRUST OF PERIODICALLY VARYING MAGNITUDE.
N66-32786 20M S04 19 HC$ 2.50 MF$ 0.75

BEAL, GEORGE M.
ADOPTION OF PUBLIC FALLOUT SHELTERS, A 1964 NATIONAL STUDY.
AD-641 645 15C T66 24 HC$ 7.00 MF$ 1.75

AD-641 646 15C T66 24 HC$ 2.00 MF$ 0.50

BEASLEY, G. P.
ANALYSIS OF COMBINATIONS OF ALTITUDE AND DESCENT RATE FOR SAFE ABORT DURING TERMINAL PHASE OF LUNAR LANDING.
N66-32944 22A S04 19 HC$ 2.00 MF$ 0.50

BEAUBIEN, DAVID J.
DESIGN, DEVELOPMENT AND TESTING OF AN ACOUSTIC ANEMOMETER.
AD-641 574 4B T66 24 HC$ 3.00 MF$ 0.75

BECKMAN, EDWARD L.
EVALUATION OF A SWIMMER S CONTACT AIR-WATER LENS SYSTEM,
AD-641 997 17H T66 24

BEER, R.
FABRICATION OF LIGHTWEIGHT TURBINE COMPONENTS USING ELECTRON BEAM WELDING FOR THE ATTACHMENT OF SHEET METAL BLADES TO DISCS AND SHROUDS.
N66-38757 13H S04 23 HC$ 2.50 MF$ 0.75

BEHAR, V. S.
OBSERVATIONS ON MAN IN AN OXYGEN-HELIUM ENVIRONMENT AT 388 MM. HG TOTAL PRESSURE. II. RESPIRATORY,
AD-641 828 6S T66 24

BEISCHER, D. E.
THE ELECTROENCEPHALOGRAM OF THE SQUIRREL MONKEY (SAIMIRI SCIUREUS) IN A VERY HIGH MAGNETIC FIELD.
N66-38729 6S S04 23 HC$ 1.00 MF$ 0.50

N66-38793 6C S04 23 HC$ 1.00 MF$ 0.50

BEISEL, WILLIAM R.
ALTERATIONS IN THYROID PHYSIOLOGY DURING PNEUMOCOCCAL SEPTICEMIA IN THE RAT,
AD-641 840 6P T66 24

BEKEY, G. A.
HUMAN TRACKING PERFORMANCE IN UNCOUPLED AND COUPLED TWO-AXIS SYSTEMS.

N66-33981 5H S04 19 HC$ 5.00 MF$ 0.75

BELCHER, SANDRA A.
SHORT-TERM RETENTION AS A RATIO OF AVERAGE STORAGE LOAD TO AVERAGE LOAD REDUCTION,
AD-641 382 5J T66 24

BELKEVICH, P. I.
STUDY OF THE PROPAGATION PROCESS OF A REACTION IN SOLID PHASES.
N66-33682 20L S04 19 HC$ 2.00 MF$ 0.50

BELL, G. L.
STUDIES OF DISPLAY SYMBOL LEGIBILITY. PART XV. RELATIVE LEGIBILITY OF LEROY AND TELETYPEWRITER SYMBOLS,
AD-641 926 5E T66 24 HC$ 3.00 MF$ 0.75

BENICEK, MILOSLAV
EXPERIMENTAL STUDY OF THIN CYLINDRICAL SHELLS UNDER LOCAL AXIAL LOADINGS.
AD-641 965 13M T66 24 HC$ 1.00 MF$ 0.50

BENNETT, CHARLES A.
A GLASS LASER COUPLING REFLECTOR,
AD-641 513 20E T66 24

BENNETT, F. D.
A GENERALIZED VECTOR THEORY OF THE MACH-ZEHNDER INTERFEROMETER,
AD-641 348 20F T66 24 HC$ 2.60 MF$ 0.50

BENNETT, IVEN
THE YUMA TEST STATION, ARIZONA, HOURLY AND DAILY INSOLATION RECORD 1951 - 1962,
AD-462 122 4A U41 24 HC$ 5.60

BENNETT, M. V. L.
CLASSICAL CONDITIONING OF ELECTRIC ORGAN DISCHARGE RATE IN MORMYRIDS,
AD-641 728 6C T66 24

THE FINE STRUCTURE OF THE SUPRAMEDULLARY NEURONS OF THE PUFFER WITH SPECIAL REFERENCE TO ENDOCELLULAR AND PERICELLULAR CAPILLARIES,
AD-641 735 6C T66 24

BERGLUND, C. V.
BAND STRUCTURE AND ELECTRON-ELECTRON INTERACTIONS IN COPPER AND SILVER-PHOTOEMISSION STUDIES.
AD-442 497 20H U41 24 HC$ 9.60

BERGMANN, PETER G.
PHYSICS AND GEOMETRY,
AD-641 638 20J T66 24

BERKOVITS, AVRAHAM
EXPERIMENTAL AND THEORETICAL STUDIES ON BUCKLING OF CONICAL AND CYLINDRICAL SHELLS UNDER COMBINED LOADING.
AD-641 971 20K T66 24 HC$ 5.00 MF$ 1.00

BERL, W. G.
THE DETERMINATION OF FLAME SPEED OF PENTABORANE-OXYGEN-NITROGEN MIXTURES,
AD-641 503 21B T66 24 HC$ 2.00 MF$ 0.50

BERNALTE, A.
ON THE CURVES IN THE GRENINGER AND LEONHARDT NETS,
AD-641 483 20B T66 24

BERNER, LEO, JR.
OCEANOGRAPHY OF THE GULF OF MEXICO.
AD-641 364 8J T66 24 HC$ 3.00 MF$ 0.75

BERNING, W.
TRAJECTORY DATA OBTAINABLE FROM DOVAP REDUCTIONS AT THE FIRING LOCATION,
AD-641 982 16B T66 24 HC$ 2.00 MF$ 0.50

BERNOT, P. Y.
STATIC STABILITY CHARACTERISTICS OF CONE AND HALF-CONE-PYRAMID CONFIGURATIONS AT MACH 6.83.
N66-33453 1A S04 19 HC$ 2.00 MF$ 0.50

BERRY, JEAN-LOUIS
CONTRIBUTION A L ETUDE DE LA DESORPTION DES GAZ DE FISSION FORMES DANS L OXYDE D URANIUM IRRADIE (CONTRIBUTION TO THE STUDY OF THE DESORPTION OF FISSION GASES FORMED IN IRRADIATED URANIUM OXIDE),
PB-173 389 18G U41 24 HC$ 2.00 MF$ 0.50

BERTRAM, M. H.
HYPERSONIC LAMINAR VISCOUS INTERACTION EFFECTS ON THE AERODYNAMICS OF TWO-DIMENSIONAL WEDGE AND TRIANGULAR PLANFORM WINGS.
N66-33017 1A S04 19 HC$ 3.00 MF$ 0.75

BESENBRUCH, G.
SUBLIMATION PRESSURES OF REFRACTORY FLUORIDES.
N66-33392 7D S04 19 HC$ 1.00 MF$ 0.50

BESWICK, A. G.
INSTRUMENTATION FOR INVESTIGATING THE PHYSICAL PROPERTIES OF THE LUNAR SURFACE.
N66-33167 3A S04 19 HC$ 1.00 MF$ 0.50

BHABHA, H. J.
SCIENCE AND THE PROBLEMS OF DEVELOPMENT.
N66-33134 5C S04 19 HC$ 1.00 MF$ 0.50

BIALEK, MILTON M.
A STUDY OF CATEGORY IV PERSONNEL IN BASIC TRAINING.
AD-481 737 5I U41 24 HC$ 2.00 MF$ 0.50

BIESIADNY, T. J.
EXPERIMENTAL INVESTIGATION OF BAFFLE EFFECTIVENESS IN A CONFINED FLUID SUBJECTED TO WALL AND NONUNIFORM SOURCE HEATING.
N66-33710 21I S04 19 HC$ 3.00 MF$ 0.75

BIES, D. A.
A REVIEW OF FLIGHT AND WIND TUNNEL MEASUREMENTS OF BOUNDARY LAYER PRESSURE FLUCTUATIONS AND INDUCED STRUCTURAL RESPONSE.
N66-38424 1A S04 23 HC$ 2.50 MF$ 0.75

BIRDSALL, C. K.
LIMITING STABLE CURRENTS IN BOUNDED ELECTRON AND ION STREAMS.
AD-641 709 9C T66 24

BIRNBAUM, Z. W.
SOME ADDITIONAL THEOREMS FOR A NON-STATIONARY STOCHASTIC PROCESS WITH A CONTINUOUS, NON-RANDOM, TIME-DEPENDENT COMPONENT,
AD-405 338 12A U41 24 HC$ 4.60

BISBERG, ARTHUR
DESIGN, DEVELOPMENT AND TESTING OF AN ACOUSTIC ANEMOMETER.
AD-641 574 4B T66 24 HC$ 3.00 MF$ 0.75

BISNOVATYI-KOGAN, G. S.
THE CONFERENCE ON GRAVITY IN TIFLIS.
AD-641 755 3C T66 24 HC$ 1.00 MF$ 0.50

BJERNINGER, S.
VIBRATIONS OF TRACTOR DRIVER.
N66-33138 5E S04 19 HC$ 4.00 MF$ 1.00

BJORK, ROBERT A.
LEARNING AND SHORT-TERM RETENTION OF PAIRED ASSOCIATES IN RELATION TO SPECIFIC SEQUENCES OF INTERPRESENTATION INTERVALS.
AD-641 395 5J T66 24 HC$ 3.00 MF$ 0.75

BLACKWELL JR, J. A.
SUPERSONIC INVESTIGATION OF EFFECTS OF CONFIGURATION GEOMETRY ON PRESSURE-COEFFICIENT AND SECTION NORMAL-FORCE-COEFFICIENT DISTRIBUTIONS FOR A TWO-STAGE LAUNCH VEHICLE.
N66-33451 1A S04 19 HC$ 2.00 MF$ 0.50

BLACK, JOHN W.
THE EFFECT OF CONTEXT ON AURAL PERCEPTION OF WORDS,
AD-641 839 5J T66 24

BLADE, R. J.
ATTENUATION OF SINUSOIDAL DISTURBANCES IN NONVISCOUS LIQUID FLOWING IN A LONG LINE WITH DISTRIBUTED LEAKAGE.
N66-33922 20D S04 19 HC$ 2.00 MF$ 0.50

BLAND, S. R.
TRANSONIC FLUTTER INVESTIGATION OF MODELS OF THE X-15 AIRPLANE HORIZONTAL TAIL.
N66-33329 1A S04 19 HC$ 2.00 MF$ 0.50

BLANTON JR, R. W.
EXPERIMENTAL TRANSIENT THREE-DIMENSIONAL HEAT TRANSFER ANALYSIS.
N66-32715 20M S04 19 HC$ 2.50 MF$ 0.75

BLATT, JOEL M.
AN INVESTIGATION OF THE RHEOLOGY OF GELS,
AD-641 484 20D T66 24 HC$ 1.00 MF$ 0.50

BLAU, EDMUND J.
RELATIVISTIC EFFECT ON THE CLASSICAL DOPPLER SHIFT AN ANNOTATED BIBLIOGRAPHY,
AD-641 504 20N T66 24 HC$ 1.00 MF$ 0.50

BLOCH, D. A.
A BAYESIAN STUDY OF THE MULTINOMIAL DISTRIBUTION,
AD-641 800 12A T66 24 HC$ 2.00 MF$ 0.50

BLOCH, JACQUELIN
RESULTATS D IRRADIATION D ELEMENTS COMBUSTIBLES EN OXYDE MIXTE UO2 - PUO2 (RESULTS OF THE IRRADIATION OF MIXED UO2 - PUO2 OXIDE FUEL ELEMENTS),
PB-173 385 18J U41 24 HC$ 3.00 MF$ 0.75

BLOOM, ELLIOTT
DYNAMICS OF THE Y1+ BRANCHING RATIO,
AD-641 691 20H T66 24

BLOOM, M. F.
THERMAL CONTACT CONDUCTANCE IN A VACUUM ENVIRONMENT,
N66-33498 20M S04 19 HC$ 4.00 MF$ 0.75

BLUM, H. A.
HEAT TRANSFER ACROSS SURFACES IN CONTACT - PRACTICAL EFFECTS OF TRANSIENT TEMPERATURE AND PRESSURE ENVIRONMENTS SEMIANNUAL REPORT, 1 OCT. 1965 - 1 APR. 1966.
N66-32762 20M S04 19 HC$ 2.00 MF$ 0.50

BOCHAROVA, Z. Z.
THE INFLUENCE OF LOW TEMPERATURE ON THE DEVELOPMENT OF MICROORGANISMS. PART IV - THE INFLUENCE OF LOW TEMPERATURE ON THE GROWTH OF MOLDS.
N66-33699 6N S04 19 HC$ 1.00 MF$ 0.50

BOCZAR, PAUL G.
STUDY OF EFFECT OF HIGH-INTENSITY PULSED NUCLEAR RADIATION ON ELECTRONIC PARTS AND MATERIALS (SCORE).
AD-641 673 9E T66 24 HC$ 3.00 MF$ 0.75

BODNER, S. R.
DISCONTINUOUS YIELDING OF COMMERCIALLY PURE ALUMINUM,
AD-641 998 11F T66 24 HC$ 2.00 MF$ 0.50

BODOLAI, E.
MESOMETEOROLOGY AND THE POSSIBILITIES OF FORECASTING LOCAL WEATHER.
N66-38715 4B S04 23 HC$ 1.00 MF$ 0.50

BOER, K. W.
TIME PERIODIC SOLUTIONS OF TRANSPORT-AND POISSON-EQUATIONS FOR LAYER-LIKE FIELD INHOMOGENEITIES.
AD-641 390 20B T66 24 HC$ 2.00 MF$ 0.50

INJECTION CAUSED P-N JUNCTION IN CDS.
AD-641 400 20L T66 24 HC$ 1.00 MF$ 0.50

MULTILAYER OHMIC CONTACTS ON CD S.
N66-39275 9A S04 23 HC$ 1.00 MF$ 0.50

BOESCHENSTEIN JR, H.
DATA PROCESSING OF LUNAR INFRARED MEASUREMENTS AT HIGH SPATIAL AND RADIOMETRIC RESOLUTION TO OBTAIN BRIGHTNESS TEMPERATURES SCIENTIFIC REPORT NO. 9,
N66-33394 3A S04 19 HC$ 3.00 MF$ 0.75

BOHLEN, JOE M.
ADOPTION OF PUBLIC FALLOUT SHELTERS, A 1964 NATIONAL STUDY.
AD-641 645 15C T66 24 HC$ 7.00 MF$ 1.75

AD-641 646 15C T66 24 HC$ 2.00 MF$ 0.50

BOHLMANN, E. G.
NASA TUNGSTEN REACTOR RADIATION CHEMISTRY STUDIES FINAL REPORT.
N66-38496 7E S04 23 HC$ 3.00 MF$ 1.00

BOHM, H. V.
ULTRASONIC KJELDAAS-EDGE EXPERIMENT IN POTASSIUM.
AD-641 861 20L T66 24

BOLDT, ROBERT F.
GENERATING RANDOM INFORMATION FOR EXPERIMENTAL DECISION PROBLEMS.
AD-641 327 15D T66 24 HC$ 2.00 MF$ 0.50

BOLZA, E.
THE MECHANICAL PROPERTIES OF 81 NEW GUINEA TIMBERS.
PB-173 478 11L U41 24 HC$ 3.60 MF$ 0.50

BONAVITO, N. L.
COMPUTATIONAL PROCEDURE FOR VINTI S ACCURATE REFERENCE ORBIT WITH INCLUSION OF THE THIRD ZONAL HARMONIC.
N66-33966 22C S04 19 HC$ 1.00 MF$ 0.50

BONNELL, J. M.
HIGH FREQUENCY COMBUSTION PRESSURE OSCILLATIONS IN MOTORS BURNING GASEOUS PROPELLANTS.
AD-478 023 21H U41 24 HC$ 3.00 MF$ 0.75

BORKO, H.
INTERACTIVE DISPLAYS FOR DOCUMENT RETRIEVAL.
PB-173 477 9B U41 24 HC$ 2.00 MF$ 0.50

BOSCH, H. E.
QUEERNESSES IN THE DEFORMATION CHART.
AD-641 463 20H T66 24 HC$ 2.00 MF$ 0.50

DISINTEGRATION OF SN113.
AD-641 746 18H T66 24 HC$ 2.00 MF$ 0.50

BOTHNER-BY, AKSEL A.
THE PROTON MAGNETIC RESONANCE SPECTRA OF OLEFINS, V. 3-CHLORO- AND 3-METHOXYPROPENES.
AD-641 462 7C T66 24

BOUDREAU, JAMES C.
COMPUTER MEASUREMENTS OF HIPPOCAMPAL FAST ACTIVITY IN CATS WITH CHRONICALLY IMPLANTED ELECTRODES.
AD-641 413 6P T66 24

BOURODIMOS, E. L.
WAVE REFLECTION AND TRANSMISSION IN OPEN CHANNEL TRANSITIONS.
AD-641 340 20D T66 24 HC$ 6.00 MF$ 1.25

BOX, G. E. P.
DISCRETE MODELS FOR FORECASTING AND CONTROL.
AD-641 935 12B T66 24 HC$ 2.00 MF$ 0.50

BOYD, C.
THE ORIGIN, COURSE AND TERMINATION OF CORTICOSPINAL FIBERS IN THE SLOW LORIS, NYCTICEBUS COUCANG (BODDAERT),
AD-641 924 6C T66 24

BOYD, GILBERT E.
STUDY OF EFFECT OF HIGH-INTENSITY PULSED NUCLEAR RADIATION ON ELECTRONIC PARTS AND MATERIALS (SCORRE).
AD-641 673 9E T66 24 HC$ 3.00 MF$ 0.75

BOYD, W. K.
STRUCTURAL CHANGES IN HIGH-STRENGTH STEEL ASSOCIATED WITH STRESS CORROSION AND ITS RELATIONSHIP TO DELAYED FAILURE.
AD-462 843 11F U41 24 HC$ 1.00

AD-468 171 11F U41 24 HC$ 1.00 MF$ 0.50

BOYER, R. H.
ROTATING FLUID MASSES IN GENERAL RELATIVITY.
AD-641 681 20D T66 24

A VARIATIONAL PRINCIPLE FOR A ROTATING RELATIVISTIC FLUID.
AD-641 730 20D T66 24

BOYNE, PHILIP J.
HISTOLOGIC RESPONSE OF BONE TO SECTIONING BY HIGH-SPEED ROTARY INSTRUMENTS.
AD-641 929 6E T66 24

BRADLEY, RALPH A.
MULTIVARIATE PAIRED COMPARISONS.
AD-641 857 12A T66 24 HC$ 4.00 MF$ 0.75

BRADY, THOMAS E.
NUCLEAR MAGNETIC RESONANCE STUDY OF 2,3-QUINOXALINE DICARBOXALDEHYDE AND ITS CYCLIC MONOHYDRATE.
AD-641 740 7C T66 24

BRAGG, L. R.
ON SOLUTION STRUCTURE OF THE RADIAL HEAT PROBLEM WITH SINGULAR DATA.
N66-34073 20M S04 19 HC$ 1.00 MF$ 0.50

BRANDHORST, W. T.
GUIDE TO THE PROCESSING, STORAGE, AND RETRIEVAL OF BIBLIOGRAPHIC INFORMATION AT THE NASA SCIENTIFIC AND TECHNICAL INFORMATION FACILITY.
N66-34085 9B S04 19 HC$ 3.25 MF$ 1.00

BRASKI, D. N.
X-RAY MEASUREMENT OF RESIDUAL STRESSES IN TITANIUM ALLOY SHEET.
N66-38113 11F S04 23 HC$ 2.00 MF$ 0.50

BRASLOW, A. L.
A REVIEW OF FACTORS AFFECTING BOUNDARY-LAYER TRANSITION.
N66-32940 20D S04 19 HC$ 2.00 MF$ 0.50

BRAUN, JOSEPH F.
A STRUCTURAL FLIGHT LOADS RECORDING PROGRAM ON CIVIL TRANSPORT HELICOPTERS.
AD-641 677 1C T66 24 HC$ 4.00 MF$ 0.75

BRAUN, ROBERT G.
PERFORMANCE OF RHESUS MONKEYS DURING CONTINUOUS LOW-LEVEL GAMMA RADIATION AN EXPLORATORY STUDY.
AD-641 331 6R T66 24 HC$ 2.00 MF$ 0.50

BREESE, GERALD
THE IMPACT OF LARGE INSTALLATIONS ON NEARBY AREAS.
AD-641 925 13B T66 24 HC$ 9.65 MF$ 2.75

BRENNAN, JAMES G.
EXCHANGE MAGNETIC MOMENT IN THREE-BODY NUCLEI (II).
AD-641 767 20H T66 24

EXCHANGE MAGNETIC MOMENT IN THREE-BODY NUCLEI (I).
AD-641 768 20H T66 24

BRENNAN, W.
FAILURE MECHANISMS IN RESISTORS.
AD-641 858 9A T66 24 HC$ 4.00 MF$ 0.75

BRENN, C. R.
DEVELOPMENT OF A HYDROCARBON-TYPE OF POLYMER WHICH POSSESSES THE CHARACTERISTICS REQUIRED FOR USE AS A BINDER FOR UNCOATED SPO FIRST QUARTERLY REPORT, MAY 10 - AUG. 10, 1966.
N66-37945 7C S04 23 HC$ 2.00 MF$ 0.50

BRENTNALL, W. D.
PROTECTIVE COATINGS FOR CHROMIUM ALLOYS FINAL SUMMARY REPORT, 31 MAY 1965 - 30 JUN. 1966.
N66-38147 11F S04 23 HC$ 4.00 MF$ 1.00

BRETSCHNEIDER, CHARLES L.
MODIFICATION OF WAVE SPECTRA ON THE CONTINENTAL SHELF AND IN THE SURF ZONE.
AD-641 849 8C T66 24 HC$ 4.00 MF$ 0.75

BRIDGES, W. B.
LIMITING STABLE CURRENTS IN BOUNDED ELECTRON AND ION STREAMS.
AD-641 709 9C T66 24

BRIGGS, G. E.
AN INITIAL EVALUATION OF A VIBROTACTILE DISPLAY IN COMPLEX CONTROL TASKS.
PB-173 174 5E U41 24 HC$ 1.60 MF$ 0.50

BRODER, D. L.
USE OF THE METHOD OF REMOVAL CROSS SECTION FOR THE COMPUTATION OF SHIELDING NOT CONTAINING HYDROGEN.
N66-33723 18F S04 19 HC$ 1.00 MF$ 0.50

BROG, K. C.
27AL AND 89Y NUCLEAR MAGNETIC RESONANCE IN YTTRIUM-ALUMINUM GARNET.
AD-641 772 20L T66 24

BROOKS, F. A.
INVESTIGATION OF ENERGY AND MASS TRANSFERS NEAR THE GROUND INCLUDING THE INFLUENCES OF THE SOIL-PLANT-ATMOSPHERE SYSTEM.
AD-260 695 2C U41 24 HC$ 17.10

BROOKS, W. DOUGLAS
A COMPARISON OF TWO METHODS OF TEACHING MORSE CODE.
AD-641 320 5I T66 24 HC$ 2.00 MF$ 0.50

A COMPARISON OF TWO METHODS OF TEACHING TYPEWRITING.
AD-641 321 5I T66 24 HC$ 2.00 MF$ 0.50

BROTZEN, F. R.
EASY SLIDE IN MOLYBDENUM CRYSTALS.
N66-33484 11F S04 19 HC$ 1.00 MF$ 0.50

THE EFFECTS OF DEFORMATION ON THE ELECTRICAL RESISTIVITY OF MOLYBDENUM SINGLE CRYSTALS.
N66-33485 11F S04 19 HC$ 2.00 MF$ 0.50

BROWNSON, J. J.
SUBSONIC AERODYNAMIC CHARACTERISTICS OF PYRAMIDAL RE-ENTRY SHAPES INCORPORATING VARIABLE GEOMETRY.
N66-33316 1A S04 19 HC$ 2.00 MF$ 0.50

BROWN, D.
COMPREHENSIVE SPECTRAL ANALYSIS OF HUMAN EEG GENERATORS IN POSTERIOR CEREBRAL REGIONS,
AD-641 374 6P T66 24

BROWN, D. D.
BUOYANCY EFFECTS ON CRITICAL HEAT FLUX OF FORCED CONVECTIVE BOILING IN VERTICAL FLOW.
N66-35143 20H S04 23 HC$ 1.00 MF$ 0.50

BROWN, EMMA E.
ABSTRACTS OF U. S. APRO RESEARCH PUBLICATIONS -- FY 1966,
AD-641 989 5I T66 24 HC$ 2.00 MF$ 0.50

BROWN, H.
NAVIGATOR STUDY OF ELECTRIC PROPULSION FOR UNMANNED SCIENTIFIC MISSIONS. CONSTANT POWER MISSION ANALYSIS.
N66-33463 21C S04 19 HC$ 2.00 MF$ 0.50

BROWN, H. E.
STUDY OF MAN DURING A 56-DAY EXPOSURE TO AN OXYGEN-HELIUM ATMOSPHERE AT 258 MM. HG TOTAL PRESSURE. IV. SELECTED BLOOD ENZYME RESPONSE,
AD-641 886 6S T66 24

BROWN, JAMES H.
CONCOMITANT VISUAL STIMULATION DOES NOT ALTER HABITUATION OF NYSTAGMIC, OCULOGYRAL OR PSYCHOPHYSICAL RESPONSES TO ANGULAR ACCELERATION,
AD-641 418 6S T66 24

BROWN, R. F.
DESCRIPTION AND PERFORMANCE OF A MOLECULAR BEAM CHAMBER USED FOR CRYOPUMPING AND ADSORPTION PUMPING STUDIES,
AD-641 388 14B T66 24 HC$ 2.00 MF$ 0.50

BROWN, R. R.
SPATIAL AND TEMPORAL CHARACTER OF FAST VARIATIONS IN AURORAL ZONE X RAYS,
AD-641 459 4A T66 24

BRUCKNER, W. H.
FATIGUE OF PLATES AND WELDMENTS IN HY-100 AND HY-130/150 STEELS,
AD-480 198 20K U41 24 HC$ 4.00 MF$ 0.75

BRUMMER, S. B.
THE USE OF LARGE ANODIC GALVANOSTATIC TRANSIENTS TO EVALUATE THE MAXIMUM ADSORPTION ON PT FROM HCOOH SOLUTIONS.
AD-445 787 7D U41 24 HC$ 3.60

BRUNE, JAMES N.
EXCITATION OF SURFACE WAVES BY THE UNDERGROUND NUCLEAR EXPLOSION LONG SHOT,
AD-642 002 8K T66 24

BRUSCH, R. J.
MINIMUM TIME AIRCRAFT TRAJECTORIES BETWEEN TWO POINTS IN RANGE ALTITUDE SPACE.
N66-38425 1B S04 23 HC$ 2.50 MF$ 0.50

BRYANT, F. R.
DAMAGE TO FIELD-EFFECT TRANSISTORS UNDER 22 AND 128 ME V PROTON BOMBARDMENTS.
N66-37676 9A S04 23 HC$ 2.00 MF$ 0.50

BRYSON, ARTHUR E., JR.
NONLINEAR FEEDBACK SOLUTION FOR MINIMUM-TIME INJECTION INTO CIRCULAR ORBIT WITH CONSTANT THRUST ACCELERATION MAGNITUDE,
AD-641 404 22C T66 24 HC$ 1.00 MF$ 0.50

BRZHEVSKAYA, O. N.
ON THE EXISTENCE OF FREE RADICALS IN ENZYMATIC HYDROLYSIS OF ADENOSINE TRIPOSPHATE,
AD-641 425 6A T66 24 HC$ 1.00 MF$ 0.50

BUCKENS, F.
DYNAMIC BEHAVIOR OF SHELLS UNDER THERMAL STRESS SCIENTIFIC REPORT.
N66-33595 20K S04 19 HC$ 4.00 MF$ 0.75

BULFINCH, A.
SAFETY MARGINS AND ULTIMATE RELIABILITY,
AD-641 495 14D T66 24 HC$ 1.00 MF$ 0.50

BULLIS, R. H.
INVESTIGATION OF COLLISION PROBABILITY OF ELECTRONS AND IONS WITH ALKALI METAL ATOMS FINAL REPORT, 22 APR. 1964 - 21 JUL. 1966.
N66-38497 20I S04 23 HC$ 3.00 MF$ 0.75

BURDIDGE, G.
THEORETICAL IDEAS CONCERNING X-RAY SOURCES.
N66-38738 20H S04 23 HC$ 1.00 MF$ 0.50

BURCHFIELD, P. B.
SOLID PROPELLANT ROCKET MOTOR PERFORMANCE COMPUTER PROGRAMS USING THE GROUP TRANSFORMATION METHOD.
N66-38417 21H S04 23 HC$ 3.00 MF$ 1.00

BURCH, DARRELL E.
INFRARED RADIATION EMITTED BY HOT GASES AND ITS TRANSMISSION THROUGH SYNTHETIC ATMOSPHERES.
AD-296 016 20F U41 24 HC$ 9.60

BURGE, D. L.
TELEVISION SYSTEM STUDY FOR NUCLEAR ACCIDENT RECOVERY. PHASE I.
EGG-1183-1210 18I U41 24 HC$ 5.00 MF$ 1.00

BURIAN, R. J.
A DESIGN PROCEDURE FOR THE WEIGHT OPTIMIZATION OF STRAIGHT FINNED RADIATORS.
N66-32943 10B S04 19 HC$ 2.00 MF$ 0.50

BURLAK, J.
ON THE NON-EXISTENCE OF L SQUARE SOLUTIONS OF A CLASS OF NON LINEAR DIFFERENTIAL EQUATIONS,
AD-641 556 12A T66 24

BURNAUGH, H. P.
INTERACTIVE DISPLAYS FOR DOCUMENT RETRIEVAL.
PB-173 477 5B U41 24 HC$ 2.00 MF$ 0.50

BURNETT, J. REESE
A THEORETICAL STUDY TO IMPROVE UTILIZATION OF MISSILE TELEMETRY SYSTEMS.
AD-468 425 9F U41 24 HC$ 3.00 MF$ 0.50

BURRIDGE, R.
THE EFFECT OF INITIAL STRESS OR RESIDUAL STRESS ON ELASTIC ENERGY CALCULATIONS.
AD-641 859 8K T66 24

BUSER, RUDOLF G.
REMOVAL OF HYDROGEN IMPURITIES IN CLOSED NOBLE GAS DISCHARGE SYSTEMS.
AD-641 360 20I T66 24 HC$ 2.00 MF$ 0.50

BUSSE, J. R.
AEROBEE 150 STRUCTURAL AND AERODYNAMIC PITCH COUPLING.
N66-38489 22A S04 23 HC$ 2.50 MF$ 0.50

BUTLER, G. L.
STRUCTURAL MODEL STUDY OF AN ELLIPTICALLY SHAPED ARCH, DOUBLE-CURVATURE, CONCRETE DAM,
PB-173 481 13H U41 24 HC$ 3.00 MF$ 0.50

BUTLER, LILA M.
BRLESC FORTRAN II COMPUTER PROGRAMS FOR ANALYTICAL SOLUTIONS OF THE GENERAL PROBLEM OF PHOTOGRAMMETRY.
AD-641 386 8E T66 24 HC$ 5.00 MF$ 1.00

BUTLER, PATRICK J.
IDENTIFICATION OF ELECTRONICS MAINTENANCE TRAINING REQUIREMENTS DEVELOPMENT AND EVALUATION OF AN EXPERIMENTAL ORDANCE RADAR REPAIR COURSE.
AD-457 167 5I U41 24 HC$ 3.00

BUTTERFIELD, JAMES L.
IONIZING RADIATION, INJURY, PREVENTION AND TREATMENT.
AD-641 880 6R T66 24 HC$ 2.00 MF$ 0.50

BYKOV, V. N.
DIFFUSION OF URANIUM IN MOLYBDENUM, NIOBIUM, ZIRCONIUM, AND TITANIUM,
N66-33719 7B S04 19 HC$ 1.00 MF$ 0.50

CACOULLOS, T.
ON A CLASS OF ADMISSIBLE PARTITIONS.
AD-641 545 12A T66 24

CAHILL, HAROLD P., JR.
THE IMPACT OF LARGE INSTALLATIONS ON NEARBY AREAS,
AD-641 925 13B T66 24 HC$ 9.65 MF$ 2.75

CALAHAN, D. A.
COMPUTER DESIGN OF LINEAR FREQUENCY SELECTIVE NETWORKS.
AD-641 489 9E T66 24

CALLAGHAN, J. G.
A FEASIBILITY INVESTIGATION CONCERNING THE SIMULATION OF SONIC BOOM BY BALLISTIC MODELS.
N66-38421 1A S04 23 HC$ 2.50 MF$ 0.75

CALLAWAY, JOSEPH
DIELECTRIC CONSTANT OF A SEMICONDUCTOR IN AN EXTERNAL ELECTRIC FIELD,
AD-641 634 20L T66 24

SOLID STATE SCATTERING THEORY,
AD-641 636 20L T66 24

ENERGY DEPENDENCE OF THE OPTICAL POTENTIAL FOR ELECTRONS,
AD-641 637 20C T66 24

CALLIS, L. B.
AN ANALYSIS OF SUPERSONIC FLOW PHENOMENA IN CONICAL NOZZLES BY A METHOD OF CHARACTERISTICS,
N66-33972 20D S04 19 HC$ 2.00 MF$ 0.50

CALMELS, CHRISTIAN
TABLE DE DEPOUILLEMENT BIP 101 POUR CLICHES DE CHAMBRES A BULLES (SCANNING TABLE BIP 101 FOR BUBBLE CHAMBER PICTURES),
PB-173 397 14B U41 24 HC$ 1.00 MF$ 0.50

CAMPBELL, G.
THE ORIGIN, COURSE AND TERMINATION OF CORTICOSPINAL FIBERS IN THE SLOW LORIS, NYCTICEBUS COUCANG (BODDAERT),

AD-641 924 6C T66 24

CANCRO, C. A.
LOW POWER NANOSECOND PULSE AND LOGIC CIRCUITS USING TUNNEL DIODES.
N66-33967 9A S04 19 HC$ 1.00 MF$ 0.50

CANNON, D. R.
MEASUREMENT OF OXYGEN TENSION AND SATURATION IN THE DIAGNOSIS OF RENAL ISCHEMIC HYPERTENSION.
AD-641 375 6E T66 24

CANNON, WILLIAM A.
FUEL CELL CATHODE STRUCTURES AND REACTIONS.
AD-285 698 10B U41 24 HC$ 10.60

CAPLAN, BARRY M.
URINARY LACTIC ACID DEHYDROGENASE ACTIVITY IN THE DIAGNOSIS OF UROLOGIC NEOPLASMS.
AD-641 376 6E T66 24

CARAS, G. J.
TRANSPIRATION AND FILM COOLING OF LIQUID ROCKET NOZZLES.
N66-38728 20M S04 23 HC$ 3.00 MF$ 0.75

CARDEN, H. D.
AN EXPERIMENTAL AND ANALYTICAL STUDY OF THE LONGITUDINAL VIBRATION OF A SIMPLIFIED THOR VEHICLE STRUCTURE.
N66-39140 22D S04 23 HC$ 2.00 MF$ 0.50

CARLAFTES, P. J.
STUDY OF LARGE ELECTRICAL BUS BARS IN PROTECTED DUCTS FOR AN ADVANCED SHIP.
PB-173 247 9A U41 24 HC$ 3.00 MF$ 0.75

CARLSON, R. L.
AN EXPERIMENTAL STUDY OF THE BUCKLING OF COMPLETE SPHERICAL SHELLS.
N66-33460 20K S04 19 HC$ 3.00 MF$ 0.75

CARMEL, M. Y.
AN EXPLORATORY INVESTIGATION OF A TRANSPORT CONFIGURATION DESIGNED FOR SUPERSONIC CRUISE FLIGHT NEAR A MACH NUMBER OF 3.
N66-33347 1A S04 19 HC$ 2.00 MF$ 0.50

CARMICHAEL, R. L.
AN INTEGRATED APPROACH TO THE ANALYSIS AND DESIGN OF WINGS AND WING-BODY COMBINATIONS IN SUPERSONIC FLOW.
N66-38749 1A S04 23 HC$ 1.00 MF$ 0.50

CARNEY, JOHN B., JR.
THE EFFECT OF HEIGHT OF HIGHWAY FILLS ON THE DESIGN OF CULVERTS. PHASE I, PRESSURE GAGE.
PB-173 490 13B U41 24 HC$ 4.00 MF$ 1.00

CARPENTER, J. D.
THE TASK MANAGER.
N66-37813 9B S04 23 HC$ 1.00 MF$ 0.50

CARRAWAY, A. B.
AN EXPLORATORY INVESTIGATION OF A TRANSPORT CONFIGURATION DESIGNED FOR SUPERSONIC CRUISE FLIGHT NEAR A MACH NUMBER OF 3.
N66-33347 1A S04 19 HC$ 2.00 MF$ 0.50

CARRAZZA, JAMES A., JR.
STORAGE STABILITY OF PYROTECHNIC COMPOSITIONS CONTAINING VINYL ALCOHOL ACETATE RESIN.
AD-641 893 19A T66 24 HC$ 2.00 MF$ 0.50

NEW FLARE FORMULATIONS FOR HIGH ALTITUDE APPLICATION.
AD-641 957 19A T66 24 HC$ 1.00 MF$ 0.50

CARRIERE, P.
RECENT RESULTS IN THE STUDY OF PROBLEMS OF MIXING AND REATTACHMENT.
N66-33692 20D S04 19 HC$ 1.00 MF$ 0.50

CARR, E. F.
INFLUENCE OF ELECTRIC AND MAGNETIC FIELDS ON THE MOLECULAR ALIGNMENT IN THE LIQUID CRYSTAL ANISAL-P-AMINOAZOBENZENE.
AD-641 784 7D T66 24

CARSON, BERNARD H.
MISSION ORIENTED INVESTIGATION AND EXPERIMENTATION - GASEOUS DISCHARGE.
AD-456 624 20I U41 24 HC$ 1.00

CARTAINO, T. F.
APPLICATION OF DYNAMIC PROGRAMMING TO THE AIRPLANE MINIMUM TIME-TO-CLIMB PROBLEM.
AD-101 000 17G U41 24 HC$ 2.60

CARTER, W. C.
TABLES OF SUPERSONIC FLOWS ABOUT CONE CYLINDERS. PART II. COMPLETE FLOWS.
AD-641 349 20D T66 24 HC$ 25.20 MF$ 1.25

CASEY, K. F.
TRANSVERSE MAGNETIC WAVE PROPAGATION IN SINUSOIDALLY STRATIFIED DIELECTRIC MEDIA.
AD-641 734 20N T66 24

CASE, HARRY W.
EXPLORATORY WORK ON THE PROBLEM OF REDUCED VISIBILITY.
PB-173 412 13L U41 24 HC$ 1.00 MF$ 0.50

CASSANO, A. J.
PRESSURE MEASURING SYSTEMS FOR FOR CLOSED CYCLE LIQUID METAL FACILITIES NINTH QUARTERLY REPORT, MAR. 1 - MAY 31, 1966.
N66-38186 14B S04 23 HC$ 2.50 MF$ 0.50

CASSELL, RICARDO
NEW YORK INTERIM COMMON TRACON FACILITY SIMULATION STUDY.
AD-641 698 17G T66 24 HC$ 4.00 MF$ 1.00

CASSEN, B.
THE DECAY OF SHOCK WAVES.
ATI-33 190 19D U41 24 HC$ 2.60

CASTELLANO, S.
THE PROTON MAGNETIC RESONANCE SPECTRA OF OLEFINS. V. 3-CHLORO- AND 3-METHOXYPROPENES.
AD-641 462 7C T66 24

CERESNA, IVAN
SEPARATION OF ISOTOPES BY ELECTROLYSIS.
AD-43 734 18B U41 24 HC$ 1.60

CHAE, Y. S.
DYNAMIC PRESSURE DISTRIBUTION AT THE BASE OF A RIGID FOOTING SUBJECTED TO VIBRATORY LOADS.
AD-450 669 20K U41 24 HC$ 6.00

CHAGIN, K. P.
OBSERVATIONS ON THE DEVELOPMENT CYCLE OF AEDES (F.) TOGOI UNDER LABORATORY AND NATURAL CONDITIONS.
AD-641 424 6C T66 24 HC$ 1.00 MF$ 0.50

CHALIFOUR, HENRI R.
VARIABLE CAPACITANCE DIODE PRODUCTION ENGINEERING MEASURES PROGRAM.
AD-641 418 9A T66 24 HC$ 2.00 MF$ 0.50

CHAMBERLIN, W. P.
THE INFLUENCE OF NATURAL SAND FINE AGGREGATE ON SOME OF THE PROPERTIES OF HARDENED CONCRETE MORTAR.
PB-173 488 11B U41 24 HC$ 3.00 MF$ 0.75

CHAMBERS, J. R.
FLIGHT INVESTIGATION OF DYNAMIC STABILITY AND CONTROL CHARACTERISTICS OF A 0.18-SCALE MODEL OF A FAN-IN-WING VTOL AIRPLANE.
N66-32941 1C S04 19 HC$ 2.00 MF$ 0.50

CHAMPINE, R. A.
FLIGHT MEASUREMENTS OF SOME OF THE FLYING QUALITIES AND STABILITY DERIVATIVES OF A SUPERSONIC FIGHTER AIRPLANE.
N66-34078 1B S04 19 HC$ 2.50 MF$ 0.75

CHANDRASEKHAR, B. S.
RESISTANCE IN THE INTERMEDIATE STATE OF TYPE I SUPERCONDUCTORS.
AD-641 759 20C T66 24

EFFECT OF ALLOYING ON THE PHONON SPECTRUM OF LEAD-INDIUM ALLOYS.
AD-641 760 20B T66 24

NONLINEAR FLUX FLOW IN TYPE-II SUPERCONDUCTORS.
AD-641 761 20C T66 24

CHANG, C. H.
ON CONICAL SHELLS OF LINEARLY VARYING THICKNESS SUBJECTED TO LATERAL NORMAL LOADS PROGRESS REPORT NO. 1.
N66-33375 20K S04 19 HC$ 2.00 MF$ 0.50

CHANG, SHELDON S. L.
GENERAL THEORY OF OPTIMAL PROCESSES.
AD-641 620 12B T66 24

CHANTRY, P. J.
KINETIC ENERGY DISTRIBUTION OF NEGATIVE IONS FORMED BY DISSOCIATIVE ATTACHMENT AND THE MEASUREMENT OF THE ELECTRON AFFINITY OF OXYGEN.
AD-641 848 7D T66 24 HC$ 2.00 MF$ 0.50

CHAN, K.-L.
ELECTRON DENSITIES AND SCALE HEIGHTS IN THE TOPSIDE IONOSPHERE - ALOUETTE I OBSERVATIONS OVER THE AMERICAN CONTINENTS. VOLUME I - NOVEMBER 1962 - JANUARY 1963.
N66-33197 4A S04 19 HC$ 5.50 MF$ 2.50

CHAPMAN, A. J.
EVALUATION OF SEVERAL SILICONE, PHENOLIC, AND EPOXY BASE HEAT-SHIELD MATERIALS AT VARIOUS HEAT-TRANSFER RATES AND DYNAMIC PRESSURES.
N66-38139 11I S04 23 HC$ 2.50 MF$ 0.75

CHAPMAN, ROBERT L.
EXPERIMENTAL METHODS OF EVALUATING A SYSTEM THE AIRBORNE C.I.C.
AD-641 455 15C T66 24 HC$ 3.00 MF$ 0.75

CHARLIER, A. A.
BEAT TO BEAT REGULATION OF THE PULMONARY CIRCULATION IN CONSCIOUS DOGS, THE EFFECTS OF NORMAL RESPIRATION.
N66-38228 6P S04 23 HC$ 2.00 MF$ 0.50

CHARRON, A. B.
REMOTE MAN-MACHINE CONTROL SYSTEM EVALUATION FINAL REPORT.
N66-32800 5H S04 19 HC$ 3.75 MF$ 1.25

CHASE, B. H.
SILICON DIODE FAST NEUTRON DOSIMETER, PHASE I, EVALUATION OF RESPONSE VERSUS STARTING MATERIAL.
AD-641 843 18D T66 24 HC$ 2.00 MF$ 0.50

CHAUVIN, L. T.
BOUNDARY-LAYER-TRANSITION AND HEAT-TRANSFER MEASUREMENTS FROM FLIGHT TESTS OF BLUNT AND SHARP 50 DEGREE CONES AT MACH

NUMBERS FROM 1.7 TO 4.7.
N66-33310 1A S04 19 HC$ 2.00 MF$ 0.50

CHA, MOON H.
POLARIZATION OF A DECAY PARTICLE IN A TWO-STEP PROCESS APPLICATION TO NEGATIVE-KAON + PROTON TO NEUTRAL-PION + NEUTRAL-SIGMA HYPERON, NEUTRAL-SIGMA HYPERON TO GAMMA RAY + LAMBDA HYPERON.
AD-641 626 28H T66 24

CHENEY, E. W.
AN ELEMENTARY PROOF OF JACKSON S THEOREM ON MEAN-APPROXIMATION.
AD-641 741 12A T66 24

CHENG, YUNG-YU
ESTIMATION OF THE DEPTH OF FOCUS OF THE MAY 18, 1963 ECUADOR EARTHQUAKE.
AD-641 366 8K T66 24 HC$ 3.00 MF$ 0.75

CHERESHNEVA, N. V.
INVESTIGATION OF WALL SURFACE TEMPERATURE BEHIND A MOVING SHOCK WAVE.
N66-33678 20H S04 19 HC$ 1.00 MF$ 0.50

CHESHIRE, I. M.
THEORY OF PROTON-HYDROGEN COLLISIONS.
N66-33183 20H S04 19 HC$ 2.00 MF$ 0.50

CHESSON, EUGENE, JR.
CALIBRATION TEST OF A490 HIGH-STRENGTH BOLTS.
PB-173 405 13E U41 24 HC$ 1.00 MF$ 0.50

CHIAMORI, NEIL
URINARY LACTIC ACID DEHYDROGENASE ACTIVITY IN THE DIAGNOSIS OF UROLOGIC NEOPLASMS.
AD-641 376 6E T66 24

CHIAO, R. Y.
A NEW CLASS OF TRAPPED LIGHT FILAMENTS.
N66-33863 20E S04 19 HC$ 1.00 MF$ 0.50

CHIARANDINI, D. J.
IONIC MECHANISM ASSOCIATED WITH NONCHOLINERGIC SYNAPTIC INHIBITION IN MOLLUSCAN NEURONS.
AD-641 885 6P T66 24

CHICCINE, B. G.
INVESTIGATION OF HIGH-ANGLE-OF-ATTACK PERFORMANCE OF A 14 DEG RAMP-TYPE INLET IN VARIOUS CIRCUMFERENTIAL BODY LOCATIONS, MACH NUMBER RANGE 1.5 TO 2.0.
N66-33339 1A S04 19 HC$ 2.00 MF$ 0.50

CHINAGLIA, B.
RECENT STUDIES ON PYROLYTIC CARBON COATINGS ON FUEL PARTICLES.
N66-38087 18G S04 23 HC$ 2.00 MF$ 0.50

CHISTYAKOV, F. M.
THE INFLUENCE OF LOW TEMPERATURE ON THE DEVELOPMENT OF MICROORGANISMS. PART IV - THE INFLUENCE OF LOW TEMPERATURE ON THE GROWTH OF MOLDS.
N66-33699 6H S04 19 HC$ 1.00 MF$ 0.50

CHOU, P. C.
A UNIFIED APPROACH TO ONE-DIMENSIONAL ELASTIC WAVES BY THE METHOD OF CHARACTERISTICS.
N66-38719 20K S04 23 HC$ 2.00 MF$ 0.50

CHOW, RAYMOND K. M.
ENERGY DEPENDENCE OF THE OPTICAL POTENTIAL FOR ELECTRONS.
AD-641 637 20C T66 24

CHRISTIAN, CHARLES E.
CLOSE-IN EFFECTS OF NUCLEAR EXPLOSIONS. PART II. ANALYSIS OF GROUND SHOCK FROM NUCLEAR SURFACE BURSTS ON ROCK.
AD-641 311 8H T66 24 HC$ 4.00 MF$ 0.75

CHRISTIE, F. A.
SOLID CARBON-DIOXIDE SUBLIMATION AT AN AXISYMMETRIC STAGNATION POINT.
AD-641 428 20H T66 24

CHUAN, R. L.
AN ORBITING DENSITY MEASURING INSTRUMENT.
N66-33539 14B S04 19 HC$ 2.50 MF$ 0.50

CHUDAKOV, A. YE.
SEARCH FOR HIGH-ENERGY PHOTONS FROM DISCRETE SOURCES OF COSMIC RADIATION.
N66-33691 20H S04 19 HC$ 1.00 MF$ 0.50

CHUN, L.
ALTERNATING FIELD DEMAGNETIZATION STUDY ON LOWER SINIAN SANDSTONES IN XIUNING HSIUNING DISTRICT, ANHUI ANHWEI PROVINCE.
N66-38177 8E S04 23 HC$ 1.00 MF$ 0.50

CHURCHILL, NEIL C.
AUDIT RECOMMENDATIONS AND MANAGEMENT AUDITING A CASE STUDY AND SOME REMARKS.
AD-641 438 9A T66 24 HC$ 2.00 MF$ 0.50

CHURCHMAN, C. W.
ON LARGE MODELS OF SYSTEMS.
N66-34869 9K S04 19 HC$ 1.00 MF$ 0.50

CHURCH, ARCHER E., JR.
THE IMPACT OF LARGE INSTALLATIONS ON NEARBY AREAS.
AD-641 925 13B T66 24 HC$ 9.65 MF$ 2.75

CHURCH, B. E.
EXPERIMENTAL HYDROGEN-FLUORINE ROCKET PERFORMANCE AT LOW PRESSURES AND HIGH RATIOS.
N66-33325 21I S04 19 HC$ 2.00 MF$ 0.50

CHURCH, J. D.
AERODYNAMIC CHARACTERISTICS OF A 68 DEGREE SWEPTBACK-WING AIRPLANE CONFIGURATION HAVING TAIL SURFACES LOCATED OUTBOARD OF THE WING TIPS AT MACH NUMBERS OF 2.30, 2.97, 3.51, AND 4.66.
N66-33321 1A S04 19 HC$ 3.00 MF$ 0.50

INVESTIGATION OF AERODYNAMIC CHARACTERISTICS OF AN AIRPLANE CONFIGURATION HAVING TAIL SURFACES OUTBOARD OF THE WING TIPS AT MACH NUMBERS OF 2.30, 2.97, AND 3.51.
N66-33331 1A S04 19 HC$ 2.50 MF$ 0.50

CHU, SHERWOOD C.
REMARKS ON A GENERALIZATION OF BANACH S PRINCIPLE OF CONTRACTION MAPPINGS.
AD-641 538 12A T66 24

ON THE DIFFERENCE EQUATION Y(X+1) -- Y(X) = F(X).
AD-641 531 12A T66 24

CLAESON, T.
ORDER-DISORDER TRANSFORMATIONS AT 2 1 COMPOSITION IN THE CADMIUM-MERCURY SYSTEM.
AD-641 798 20B T66 24

SUPERCONDUCTING TRANSITION TEMPERATURES OF MERCURY-ALKALINE EARTH METAL COMPOUNDS.
AD-641 799 20C T66 24

SUPERCONDUCTIVITY IN THE ALLOY SYSTEM CADMIUM-MERCURY AND THE EFFECT OF ORDERING UPON SUPERCONDUCTIVITY.
AD-641 802 20C T66 24

CLAIR, J.
STUDY TO DEVELOP THE EQUATIONS DESCRIBING THE CHARACTERISTICS OF RATE AND ATTITUDE SENSORS ASSOCIATED WITH SPACECRAFT CONTROL SYSTEMS.
N66-33492 17G S04 19 HC$ 3.25 MF$ 1.25

CLAPP, S. D.
FLUORINE-HYDROGEN PERFORMANCE EVALUATION, PHASE I, PART I - ANALYSIS, DESIGN, AND DEMONSTRATION OF HIGH PERFORMANCE INJECTORS FOR THE LIQUID FLUORINE-GASEOUS HYDROGEN COMBINATION FINAL REPORT.
N66-32923 21H S04 19 HC$ 3.75 MF$ 1.25

CLARENBURG, L. A.
VAPOUR CONCENTRATIONS AND DOSES DOWNWIND FROM A TERRAIN, CONTAMINATED WITH A PERSISTENT AGENT.
N66-38347 13B S04 23 HC$ 1.00 MF$ 0.50

CLARENCE, JEANINE
METHODE DE SEPARATION DES TERRES RARES PAR ELECTROPHORESE A HAUTE TENSION SUR PAPIER - SUPPORT (SEPARATION METHOD FOR RARE-EARTHS USING HIGH-VOLTAGE ELECTROPHORESIS ON PAPER STRIP).
PB-173 398 7E U41 24 HC$ 4.00 MF$ 0.75

CLARK, COLIN
COMPARISON THEOREMS FOR ELLIPTIC DIFFERENTIAL EQUATIONS.
AD-641 529 12A T66 24

CLARK, C. A.
HAYSTACK POINTING SYSTEM RADAR COORDINATE CORRECTION.
AD-641 603 17I T66 24 HC$ 2.00 MF$ 0.50

CLARK, J. A.
PRESSURIZATION OF LIQUID OXYGEN CONTAINERS PROGRESS REPORT NO. 7, NOV. 1963 - NOV. 1964.
N66-33180 20H S04 19 HC$ 3.00 MF$ 0.75

CLARK, L. G.
AN ANALOG STUDY OF THE PASSIVE THERMAL BEHAVIOR OF AN ORBITING SPACE STATION.
N66-38414 22A S04 23 HC$ 2.00 MF$ 0.50

CLARK, ROBERT CHARLES, JR.
SATURATED HYDROCARBONS IN MARINE PLANTS AND SEDIMENTS.
AD-641 436 8A T66 24 HC$ 3.00 MF$ 0.75

CLARK, W. O.
ASSOCIATIVE RETRIEVAL BY DYNAMIC TRANSFORMS.
N66-33416 5B S04 19 HC$ 1.00 MF$ 0.50

CLAUSING, A. M.
AN EXPERIMENTAL AND THEORETICAL INVESTIGATION OF THE THERMAL CONTACT RESISTANCE FINAL REPORT.
N66-32804 20H S04 19 HC$ 2.50 MF$ 0.75

CLEMENT, P. R.
IDENTIFICATION OF LINEAR SYSTEM DYNAMICS USING EXPONENTIAL SPECTRAL COEFFICIENTS.
AD-641 792 12B T66 24

CLIFF, R. A.
A STORED PROGRAM COMPUTER FOR SMALL SCIENTIFIC SPACECRAFT.
N66-38488 9B S04 23 HC$ 2.50 MF$ 0.50

CLINARD JR, R. H.
LUNAR GEOPHYSICAL SURFACE AND SUBSURFACE PROBES FOR APOLLO APPLICATIONS PROGRAM - VOLUME I - DETAILED TECHNICAL REPORT FINAL REPORT.
N66-32960 22A S04 19 HC$ 4.66 MF$ 2.50

LUNAR SURFACE AND SUBSURFACE PROBES FOR APOLLO APPLICATIONS PROGRAM, VOLUME II - SUMMARY TECHNICAL REPORT FINAL REPORT.

N66-32961 22A S04 19 HC$ 3.00 MF$ 0.75

CLINE, H. T.
ROAD SHOCK AND VIBRATION ENVIRONMENT FOR A SERIES OF WHEELED AND TRACK-LAYING VEHICLES.
AD-408 653 13F U41 24 HC$ 4.00

CLIPPINGER, R. F.
TABLES OF SUPERSONIC FLOWS ABOUT CONE CYLINDERS. PART II. COMPLETE FLOWS.
AD-641 349 20D T66 24 HC$ 25.20 MF$ 1.25

CLOUGH, W. R.
EXPERIMENTAL X-RAY STRESS ANALYSIS PROCEDURES FOR ULTRA HIGH STRENGTH MATERIALS.
N66-33410 11F S04 19 HC$ 1.00 MF$ 0.50

COATES JR, E. M.
STAGNATION AND STATIC PRESSURES ON A NOSE-MOUNTED 15 DEG CONICAL PROBE WITH VARIOUS FOREBODY CONFIGURATIONS.
N66-33018 1A S04 19 HC$ 4.00 MF$ 1.00

COBURN, N.
GENERAL THEORY OF SIMPLE WAVES IN RELAXATION HYDRODYNAMICS.
AD-641 441 20D T66 24

COCITO, G.
RECENT STUDIES ON PYROLYTIC CARBON COATINGS ON FUEL PARTICLES.
N66-38087 18G S04 23 HC$ 2.00 MF$ 0.50

COCKETT, ABRAHAM T. K.
URINARY LACTIC ACID DEHYDROGENASE ACTIVITY IN THE DIAGNOSIS OF UROLOGIC NEOPLASMS.
AD-641 376 6E T66 24

SIGNIFICANCE OF ANTIBACTERIAL LEVELS IN THE RENAL LYMPH DURING TREATMENT FOR PYELONEPHRITIS.
AD-641 377 6E T66 24

THE ROLE OF ARTERIAL PULSATION IN EXPERIMENTAL HYDRONEPHROSIS.
AD-641 378 6E T66 24

TRANSPORT OF RENIN ANGIOTENSIN BY RENAL LYMPHATICS.
AD-641 380 6E T66 24

COCKETT, A. T. K.
MEASUREMENT OF OXYGEN TENSION AND SATURATION IN THE DIAGNOSIS OF RENAL ISCHEMIC HYPERTENSION.
AD-641 375 6E T66 24

COE, H. H.
COMPARISON OF CALCULATED AND MEASURED CHARACTERISTICS OF HORIZONTAL MULTITUBE HEAT EXCHANGER WITH STEAM CONDENSING INSIDE TUBES.
N66-38418 10B S04 23 HC$ 2.00 MF$ 0.50

COFFEY, C. T.
SOIL MOISTURE CHANGES BENEATH A CANAL--LOWER COST CANAL LINING PROGRAM.
PB-173 448 8H U41 24 HC$ 3.00 MF$ 0.75

COHEN, LEON
EXPANSION THEOREM FOR FUNCTIONS OF OPERATORS.
AD-641 552 20J T66 24

TRANSFORMATION OF OPERATORS.
AD-641 553 20J T66 24

COHEN, NORMAN
MISSION ORIENTED INVESTIGATION AND EXPERIMENTATION - GASEOUS DISCHARGE.
AD-456 624 20I U41 24 HC$ 1.00

COHEN, V. D.
STUDY OF QUASI-OPTIMUM FEEDBACK CONTROL TECHNIQUES.
N66-33458 17G S04 19 HC$ 3.00 MF$ 0.75

COLEMAN, RALPH A.
STUDY OF CHROMOTROPIC PROPERTIES OF COLORANTS.
AD-449 505 7C U41 24 HC$ 3.00

COLEMAN, W. D.
STUDY OF HEAT SHIELDING REQUIREMENTS FOR MANNED MARS LANDING AND RETURN MISSIONS FINAL REPORT.
N66-32717 20M S04 19 HC$ 3.00 MF$ 0.75

COLES, W. D.
A SUPERCONDUCTING MAGNETIC BOTTLE.
N66-37811 20C S04 23 HC$ 1.00 MF$ 0.50

COLIN, L.
ELECTRON DENSITIES AND SCALE HEIGHTS IN THE TOPSIDE IONOSPHERE - ALOUETTE I OBSERVATIONS OVER THE AMERICAN CONTINENTS, VOLUME I - NOVEMBER 1962 - JANUARY 1963.
N66-33197 4A S04 19 HC$ 5.50 MF$ 2.50

COLLINS, H. E.
DEVELOPMENT OF HIGH TEMPERATURE NICKEL-BASE ALLOYS FOR JET ENGINE TURBINE BUCKET APPLICATIONS SECOND INTERIM ENGINEERING REPORT, 1 OCT. 1965 - 31 MAY 1966.
N66-33504 11F S04 19 HC$ 3.00 MF$ 1.00

COLMAN, W. P.
DEVELOPMENT OF HIGH-PERFORMANCE LIGHT-WEIGHT ELECTRODES FOR HYDROGEN-OXYGEN FUEL CELLS FOURTH QUARTERLY REPORT, 6 JAN. - 5 APR. 1966.
N66-38490 10A S04 23 HC$ 2.00 MF$ 0.50

COMPTON, D. M. J.
OPTICAL STUDIES OF RADIATION DAMAGE PROCESSES.
AD-641 725 18M T66 24 HC$ 4.00 MF$ 1.00

COMPTON, H. R.
ERROR ANALYSIS OF A WEIGHTED LEAST SQUARES PROCESS TO DETERMINE THE LUNAR GRAVITATIONAL FIELD.
N66-38141 3B S04 23 HC$ 2.00 MF$ 0.50

COMPTON, V. B.
THE OCCURRENCE OF SUPERCONDUCTIVITY IN SULFIDES, SELENIDES, TELLURIDES OF PT-GROUP METALS.
AD-641 793 20C T66 24

COMPTON, W. D.
ANNEALING OF NEUTRON-IRRADIATION-INDUCED CHANGES IN IMPURITY CONDUCTION IN ANTIMONY- DOPED GERMANIUM.
N66-33386 20L S04 19 HC$ 1.00 MF$ 0.50

AN EXPERIMENTAL INVESTIGATION OF RADIATION EFFECTS IN SEMICONDUCTORS SEMIANNUAL STATUS REPORT, 1 JAN. - 30 JUN. 1966.
N66-34068 20L S04 19 HC$ 1.00 MF$ 0.50

CONDIT, P. M.
INFLIGHT AND GROUND-BASED SIMULATION OF HANDLING QUALITIES OF VERY LARGE AIRPLANES IN LANDING APPROACH.
N66-38885 1B S04 23 HC$ 2.50 MF$ 0.75

CONKLE, JAMES P.
STUDY OF MAN DURING A 56-DAY EXPOSURE TO AN OXYGEN-HELIUM ATMOSPHERE AT 258 MM. HG TOTAL PRESSURE. II. MAJOR AND MINOR ATMOSPHERIC COMPONENTS.
AD-641 819 6S T66 24

CONKLIN, CHARLES J.
CHEMILUMINESCENCE OF LUMINOL IN THE PRESENCE OF HEMATIN COMPOUNDS.
AD-642 085 6A T66 24

CONNES, J.
PLANETARY SPECTRA BY FOURIER SPECTROSCOPY. I - MARS.
N66-33770 3A S04 19 HC$ 2.50 MF$ 0.50

CONNES, P.
PLANETARY SPECTRA BY FOURIER SPECTROSCOPY. I - MARS.
N66-33770 3A S04 19 HC$ 2.50 MF$ 0.50

CONTINI, RENATO
INVESTIGATIONS WITH RESPECT TO THE DESIGN, CONSTRUCTION, AND EVALUATION OF PROSTHETIC DEVICES, VOL. I.
AD-641 319 6E T66 24 HC$ 5.00 MF$ 1.00

COOKE, JULIAN P.
SOME CARDIOVASCULAR RESPONSES IN ANESTHETIZED DOGS DURING REPEATED DECOMPRESSIONS TO A NEAR-VACUUM.
AD-641 570 6S T66 24 HC$ 1.00 MF$ 0.50

COOK, G. E.
THE EVEN ZONAL HARMONICS OF THE EARTH S GRAVITATIONAL POTENTIAL.
AD-466 587 8N U41 24 HC$ 1.00 MF$ 0.50

THE LARGE SEMI-ANNUAL VARIATION IN EXOSPHERIC DENSITY A POSSIBLE EXPLANATION.
AD-641 718 4A T66 24 HC$ 1.00 MF$ 0.50

COOK, STUART W.
EFFECT OF ATTITUDE ON JUDGMENTS OF PLAUSIBILITY.
AD-641 558 5J T66 24

CORBETT, R.
DEVELOPMENT OF HIGH ENERGY DENSITY PRIMARY BATTERIES FOURTH QUARTERLY REPORT, 22 MAR. - 21 JUN. 1966.
N66-37685 10C S04 23 HC$ 2.50 MF$ 0.75

CORDARO, JOSEPH T.
STUDY OF MAN DURING A 56-DAY EXPOSURE TO AN OXYGEN-HELIUM ATMOSPHERE AT 258 MM. HG TOTAL PRESSURE. X. ENTERIC MICROBIAL FLORA.
AD-641 817 6S T66 24

CORDWELL, WAYNE A.
STUDY OF EFFECT OF HIGH-INTENSITY PULSED NUCLEAR RADIATION ON ELECTRONIC PARTS AND MATERIALS (SCORRE).
AD-641 673 9E T66 24 HC$ 3.00 MF$ 0.75

CORLETT, W. A.
SUPERSONIC AERODYNAMIC CHARACTERISTICS OF A SERIES OF RELATED BODIES WITH CROSS-SECTIONAL ELLIPTICITY.
N66-33457 1A S04 19 HC$ 3.00 MF$ 0.75

CORTEN, H. T.
MECHANISMS OF ENVIRONMENT INDUCED SUBCRITICAL FLAW GROWTH IN AISI 4340 STEEL.
AD-641 607 11F T66 24 HC$ 1.00 MF$ 0.50

COST, J. R.
AN INTERNAL FRICTION STUDY OF VACANCIES IN A QUENCHED AU-NI SOLID SOLUTION.
AD-641 786 11F T66 24

COTTON, J. H., JR.
STUDY OF ADAPTIVE ANTENNA TECHNIQUES FOR MILLIMETER WAVE APPLICATIONS.
AD-641 710 9E T66 24 HC$ 4.00 MF$ 1.00

COTTON, WILLIAM R.
4-HYDROXYBUTYRATE AS AN ANESTHETIC AGENT FOR THE RAT.
AD-641 999 6D T66 24

COTTON, W. R.

AN AUTORADIOGRAPHIC STUDY OF TRYPTOPHANE-H3 INCORPORATION INTO RAT ENAMEL AND DENTINE MATRICES.
AD-642 004 6E T66 24

COWAN, A.
IRRADIATION DAMAGE IN MILD STEEL. A COMPARISON OF CRACK ARREST TEST AND CHARPY CRITERIA AND THE INFLUENCE OF NEUTRON SPECTRUM.
N66-37780 18N S04 23 HC$ 2.00 MF$ 0.50

COX, J. E.
PREPARATION OF CRFE ALLOYS.
AD-641 896 11F T66 24 HC$ 1.00 MF$ 0.50

CRAMPTON, GEORGE H.
CONCOMITANT VISUAL STIMULATION DOES NOT ALTER HABITUATION OF NYSTAGMIC, OCULOGYRAL OR PSYCHOPHYSICAL RESPONSES TO ANGULAR ACCELERATION.
AD-641 418 6S T66 24

CRAM, DONALD J.
MODELS FOR ASYMMETRIC INDUCTION IN POLYMERIZATION.
AD-641 797 7C T66 24 HC$ 1.00 MF$ 0.50

CRANE, C. H.
STATE-OF-THE-ART SURVEY OF DISSIMILAR METAL JOINING BY SOLID STATE WELDING.
N66-32787 13H S04 19 HC$ 2.00 MF$ 0.50

CRANE, EVERETT D.
DEVELOPMENT OF MINIATURE SMOKE SIGNAL PACKAGE FOR INCLUSION IN SURVIVAL KITS.
AD-641 895 6G T66 24 HC$ 2.00 MF$ 0.50

CRANE, R. A.
APPENDIX - SOME SPECTROSCOPIC OBSERVATIONS OF THE INTERACTION BETWEEN A PLASMA WIND AND A DIPOLE MAGNETIC FIELD.
N66-32764 20I S04 19 HC$ 1.00 MF$ 0.50

CREEL JR, T. R.
LONGITUDINAL AERODYNAMIC CHARACTERISTICS OF A TENSION SHELL ENTRY CONFIGURATION AT MACH 28.
N66-33452 1A S04 19 HC$ 2.00 MF$ 0.50

CREER, B. Y.
A SUMMARY OF RESULTS OBTAINED DURING FLIGHT SIMULATION OF SEVERAL AIRCRAFT PROTOTYPES WITH VARIABLE-STABILITY AIRPLANES.
N66-34061 1B S04 19 HC$ 2.50 MF$ 0.75

CREMENS, W. S.
FEASIBILITY STUDY OF SECONDARY EMISSION ELECTRON MICROSCOPY FOR EXAMINING MATERIALS CONTAINING DISPERSED OXIDE PARTICLES.
N66-37678 13H S04 23 HC$ 2.00 MF$ 0.50

OVERLAY COPY TECHNIQUE TO PROVIDE HIGH-CONTRAST ELECTRON MICROGRAPHS FOR AUTOMATIC METALLOGRAPHIC ANALYSIS.
N66-37681 14B S04 23 HC$ 1.00 MF$ 0.50

CRESSY JR, P. J.
COSMOGENIC RADIOACTIVITIES IN THE PEACE RIVER AND HARLETON CHONDRITES.
N66-33412 8G S04 19 HC$ 1.00 MF$ 0.50

CREVELING, C. J.
COMPARISON OF PERFORMANCE OF PCM AND PFM TELEMETRY SYSTEMS.
N66-33971 9F S04 19 HC$ 1.00 MF$ 0.50

CRIDER, ANDREW
OPERANT ELECTRODERMAL CONDITIONING SOME EFFECTS OF MULTIPLE SCHEDULES OF REINFORCEMENT.
AD-641 699 5J T66 24 HC$ 1.00 MF$ 0.50

CROCKER, M. J.
RESPONSE OF PANELS TO OSCILLATING SHOCK WAVES.
N66-38727 1A S04 23 HC$ 3.00 MF$ 0.75

CRONHOLM, JAMES N.
A SENSITIVE RANK TEST FOR COMPARING THE EFFECTS OF TWO TREATMENTS ON A SINGLE GROUP.
AD-641 417 5J T66 24

CROOKER, RICHARD
DIELECTRIC MATERIALS FOR HIGH TEMPERATURE APPLICATION.
AD-638 257 11G U41 24 HC$ 2.60

CROOK, GUY H., II.
PERFORMANCE OF RHESUS MONKEYS DURING CONTINUOUS LOW-LEVEL GAMMA RADIATION AN EXPLORATORY STUDY.
AD-641 331 6R T66 24 HC$ 2.00 MF$ 0.50

CROOK, J. M.
SURVEY OF VLF ELECTRIC FIELDS IN THE MAGNETOSPHERE WITH THE POLAR ORBITING SPACECRAFT, 1964-45A.
N66-32722 4A S04 19 HC$ 2.50 MF$ 0.75

CROOM, D. M.
THERMODYNAMIC, TRANSPORT, AND FLOW PROPERTIES FOR THE PRODUCTS OF METHANE BURNED IN OXYGEN-ENRICHED AIR.
N66-37802 21B S04 23 HC$ 2.50 MF$ 0.75

CROOM, D. P.
LOW-SUBSONIC WIND-TUNNEL AND FREE-FLIGHT DROP-TEST INVESTIGATION OF A PARAGLIDER CONFIGURATION HAVING LARGE TAPERED LEADING EDGES AND KEEL.
N66-38136 1A S04 23 HC$ 2.00 MF$ 0.50

CROOM, ROSCOE
INVESTIGATION OF METHODS FOR THE ANALYSIS OF LEAD AZIDE.
AD-156 422 7C U41 24 HC$ 1.60

CROSS, B. T.
ADVANCEMENT OF ULTRASONIC TECHNIQUES USING RERADIATED SOUND ENERGIES FOR NONDESTRUCTIVE EVALUATION OF WELDMENTS.
AD-641 354 13H T66 24 HC$ 1.00 MF$ 0.50

CROWLEY, MIRIAM E.
THE MEASUREMENT OF TRANSFER OF TRAINING.
AD-641 582 5I T66 24 HC$ 6.60 MF$ 0.75

CURTIS, PHILIP C., JR.
FACTORIZATION THEOREMS FOR BANACH ALGEBRAS.
AD-641 464 12A T66 24

CUSTANCE, ARTHUR C.
TECHNIQUES FOR MEASUREMENT OF SWEATING RATES.
AD-641 353 6P T66 24

CZARNECKI, K. R.
PRESSURE DISTRIBUTIONS DUE TO TWO-DIMENSIONAL FABRICATION-TYPE SURFACE ROUGHNESS ON AN OGIVE CYLINDER AT TRANSONIC SPEEDS.
N66-33447 1A S04 19 HC$ 3.00 MF$ 0.75

PRESSURE DRAGS DUE TO TWO-DIMENSIONAL FABRICATION-TYPE SURFACE ROUGHNESS ON AN OGIVE CYLINDER AT TRANSONIC SPEEDS.
N66-33449 1A S04 19 HC$ 3.00 MF$ 0.50

DA RIVA, IGNACIO
RECENT RESEARCH IN SUPERSONIC COMBUSTION AT INTA.
AD-641 758 21B T66 24 HC$ 1.00 MF$ 0.50

DADYKIN, V. L.
SEARCH FOR HIGH-ENERGY PHOTONS FROM DISCRETE SOURCES OF COSMIC RADIATION.
N66-33691 20H S04 19 HC$ 1.00 MF$ 0.50

DAGAI, MICHEL
ETUDES D ELEMENTS UTILISES EN INTERFEROMETRIE HERTZIENNE (ONDES) MILLIMETRIQUES). MESURE DE LA PERMITTIVITE DE DIELECTRIQUE LIQUIDE (STUDIES OF ELEMENTS USED IN HERTZIAN INTERFEROMETRY (MILLIMETRIC WAVES). MEASUREMENT OF THE PERMITTIVITY OF A LIQUID DIELECTRIC).
PB-173 395 14B U41 24 HC$ 4.00 MF$ 0.75

DAIGLE, DAVID L.
EVALUATION OF THE LYON, INC. FORTY INCH DIAMETER ROCKET MOTOR CASE FABRICATED BY THE HOT CUP-COLD DRAW PROCESS.
AD-455 918 19G U41 24 HC$ 5.00

DAILEY, C. L.
PLASMA ROTATION IN A PULSED INDUCTIVE ACCELERATOR.
AD-641 914 20I T66 24

DALMAZZONE, JEAN
CONTRIBUTION A LA MESURE PRECISE DE L ACTIVITE DE SOURCES NON PONCTUELLES AU MOYEN DE LA CHAMBRE D IONISATION A PUITS (CONTRIBUTION TO THE PRECISE MEASUREMENT OF THE ACTIVITY OF NON-POINT SOURCES BY THE USE OF THE WELL-TYPE IONISATION CHAMBER).
PB-173 388 18D U41 24 HC$ 5.00 MF$ 1.00

DAMASKIN, B. B.
ADSORPTION BEHAVIOR OF ORGANIC COMPOUNDS.
N66-33766 7C S04 19 HC$ 2.00 MF$ 0.50

DANA, W. H.
FLIGHT SIMULATED OFF-THE-PAD ESCAPE AND LANDING MANEUVERS FOR A VERTICALLY LAUNCHED HYPERSONIC GLIDER.
N66-33330 1B S04 19 HC$ 2.00 MF$ 0.50

FLIGHT TESTS OF A WIDE-ANGLE, INDIRECT OPTICAL VIEWING SYSTEM IN A HIGH- PERFORMANCE JET AIRCRAFT.
N66-38800 5H S04 23 HC$ 2.00 MF$ 0.50

DANIELS, WILLIAM F.
CONTROLLED PH AND OXIDATION-REDUCTION POTENTIAL WITH A NEW GLASS TISSUE-CULTURE FERMENTOR.
AD-641 939 6L T66 24

DANIEWSKI, W. M.
PHOSPHONIC ACIDS AND ESTERS. XV. PREPARATION AND PROTON MAGNETIC RESONANCE SPECTRA OF THE DIETHYL ALPHA- AND BETA-CHLOROVINYLPHOSPHONATES.
AD-641 731 7C T66 24

DANILYUK, I. I.
ONE NON-LINEAR PROBLEM WITH A FREE BOUNDARY.
N66-33680 12A S04 19 HC$ 1.00 MF$ 0.50

DANNENBERG, R. E.
EFFECTS OF BOUNDARY-LAYER SUCTION AND SPOILERS ON TRANSONIC FLUTTER DERIVATIVES FOR A MIDSPAN CONTROL SURFACE ON AN UPSWEPT WING.
N66-33315 1D S04 19 HC$ 2.00 MF$ 0.50

DARRAS, RAYMOND
CONTRIBUTION A L ETUDE DE LA DESORPTION DES GAZ DE FISSION FORMES DANS L OXYDE D URANIUM IRRADIE (CONTRIBUTION TO THE STUDY OF THE DESORPTION OF FISSION GASES FORMED IN IRRADIATED URANIUM OXIDE).
PB-173 389 18G U41 24 HC$ 2.00 MF$ 0.50

DASH, J. G.
INTERNAL FIELD OF FES7 IN NICKEL FROM 77K TO THE CURIE POINT.
AD-641 763 20L T66 24

RELAXATION NARROWING OF MOSSBAUER GAMMA RAYS.
AD-641 764 20H T66 24

F MEASUREMENTS WITH BLACK ABSORBERS,
AD-641 765 18H T66 24

DAUNS, JOHN
CONVOLUTION TRANSFORMS WHOSE INVERSION FUNCTIONS HAVE COMPLEX ROOTS,
AD-641 525 12A T66 24

DAVIDSON, JAY
INTEGRATED CIRCUITS FOR FIELDATA COMPUTERS.
AD-641 943 9A T66 24 MC$ 1.00 MF$ 0.50

DAVIDSON, ROGER R.
MULTIVARIATE PAIRED COMPARISONS.
AD-641 857 12A T66 24 MC$ 4.00 MF$ 0.75

DAVID, E.
REVIEW OF THE PRESENT SITUATION ON LASER RESEARCH.
N66-33688 20E S04 19 MC$ 2.00 MF$ 0.50

DAVIES, W. D.
AURORA AND AIRGLOW, ADVANCED STUDY INSTITUTE, KEELE (ENGLAND), AUGUST 15-26, 1966.
AD-641 422 4A T66 24 MC$ 2.00 MF$ 0.50

DAVIS JR, L.
ACCELERATION OF ELECTRONS NEAR THE EARTH S BOW SHOCK.
N66-33413 20H S04 19 MC$ 1.00 MF$ 0.50

DAVISON, JAMES
MOLECULAR NEUROCHEMISTRY OF THE BRAIN DURING CONDITIONED AVOIDANCE BEHAVIOR.
AD-641 615 5J T66 24 MC$ 2.00 MF$ 0.50

DAVIS, J. A.
ULTRAVIOLET GENERATOR STUDY.
AD-641 674 20F T66 24 MC$ 3.00 MF$ 0.75

DAVIS, W. B.
THE EFFECTS OF A GEMINI LEFT-HAND WINDOW ON EXPERIMENTS REQUIRING ACCURACY IN SIGHTING OR RESOLUTION.
N66-38142 20F S04 23 MC$ 2.00 MF$ 0.50

DAVIS, W. A.
TIROS RADIATION MEASUREMENTS AND VARIATIONS IN ATMOSPHERIC HEATING.
N66-38420 4B S04 23 MC$ 2.00 MF$ 0.50

DAY, B. P.
THE PERFORMANCE OF LOW THRUST (0.05 N) VENTURI NOZZLES.
AD-483 292 20D U41 24 MC$ 3.00 MF$ 0.50

DE RESPIRIS, D. L.
CARBON DIOXIDE CONCENTRATION SYSTEM FINAL REPORT.
N66-38499 6K S04 23 MC$ 3.25 MF$ 1.25

DE SOLLA PRICE, DEREK J.
THE SCIENTIFIC FOUNDATIONS OF SCIENCE POLICY,
PB-173 476 5A U41 24 MC$ 1.60 MF$ 0.50

DE VRIES, G.
BIBLIOGRAPHY ON GROUND-WATER POLLUTION AND WASTE WATER PURIFICATION.
N66-33720 8H S04 19 MC$ 2.50 MF$ 0.50

DEAVERS, K. L.
NOTES ON INCENTIVE CONTRACTING,
AD-641 336 5A T66 24 MC$ 2.00 MF$ 0.50

DEAVER, WILLIAM H.
A STUDY ON ELECTRODEPOSITION OF ORGANIC COATINGS FOR POSSIBLE MILITARY USAGE.
AD-641 314 11C T66 24 MC$ 2.00 MF$ 0.50

DEEP, SAM
SOME EFFECTS ON BUSINESS GAMING OF PREVIOUS QUASI-T GROUP AFFILIATIONS.
AD-641 652 5A T66 24 MC$ 1.00 MF$ 0.50

DELANEY, PATRICK J. V.
GEOLOGY AND GEOMORPHOLOGY OF THE COASTAL PLAIN RIO GRANDE DO SUL, BRAZIL AND NORTHERN URGUAY.
AD-641 402 8G T66 24 MC$ 3.00 MF$ 0.75

DELANEY, R. M.
ANALYSIS OF ARGUS/EXPLORER IV RECORDS.
AD-463 248 18C U41 24 MC$ 4.00

DEMELE, F. A.
SUBSONIC AERODYNAMIC CHARACTERISTICS OF PYRAMIDAL RE-ENTRY SHAPES INCORPORATING VARIABLE GEOMETRY.
N66-33316 1A S04 19 MC$ 2.00 MF$ 0.50

DEMMERLE, A. W.
AN ERROR DETECTION AND CORRECTION APPROACH TO THE TIME DECODING PROBLEM.
N66-33814 9F S04 19 MC$ 1.00 MF$ 0.50

DEMYANOV, YU. A.
INVESTIGATION OF WALL SURFACE TEMPERATURE BEHIND A MOVING SHOCK WAVE.
N66-33678 20M S04 19 MC$ 1.50 MF$ 0.50

DENZEL, C.
CRATERING FROM HIGH EXPLOSIVE CHARGES. ANALYSIS OF CRATER DATA,
AD-263 170 19D U41 24 MC$ 11.60

DEREZINSKI, S. J.
CARBON DIOXIDE CONCENTRATION SYSTEM FINAL REPORT.
N66-38499 6K S04 23 MC$ 3.25 MF$ 1.25

DEVEIKIS, W. D.
AERODYNAMIC CHARACTERISTICS OF TENSION SHELL SHAPES AT MACH 3.0.
N66-37677 1A S04 23 MC$ 2.00 MF$ 0.50

DEWALD, ROBERT R.
PRESERVATION OF SERRATIA MARCESCENS BY HIGH-VACUUM LYOPHILIZATION,
AD-641 942 6M T66 24

DEWEY, A. G.
A NOTE ON AIZERMAN S CONJECTURE,
AD-641 685 12B T66 24

A STABILITY INEQUALITY FOR A CLASS OF NONLINEAR FEEDBACK SYSTEMS.
AD-641 689 12B T66 24

DEWEY, JANE
NOTE ON THE DETERMINATION OF THE FORM OF AIR SHOCKS FROM THE DECAY CURVE.
AD-641 977 20D T66 24 MC$ 1.00 MF$ 0.50

DI PALMA, J.
DEVELOPMENT OF HIGH-PERFORMANCE LIGHT-WEIGHT ELECTRODES FOR HYDROGEN-OXYGEN FUEL CELLS FOURTH QUARTERLY REPORT, 6 JAN. - 5 APR. 1966.
N66-38490 10A S04 23 MC$ 2.50 MF$ 0.50

DIAMOND, MARVIN
ATMOSPHERIC SOUND PROPAGATION NEAR THE EARTH S SURFACE.
AD-473 746 3B U41 24 MC$ 1.00 MF$ 0.50

DIAZ, J. B.
REMARKS ON A GENERALIZATION OF BANACH S PRINCIPLE OF CONTRACTION MAPPINGS,
AD-641 538 12A T66 24

ON THE DIFFERENCE EQUATION Y(X+1) -- Y(X) = F(X),
AD-641 531 12A T66 24

COMPLEMENTARY INEQUALITIES IV INEQUALITIES COMPLEMENTARY TO CAUCHY S INEQUALITY FOR SUMS OF COMPLEX NUMBERS.
AD-641 723 12A T66 24

DICKEY, L. R.
EXPLICIT RUNGE- KUTTA INTEGRATION.
N66-33537 12A S04 19 MC$ 1.00 MF$ 0.50

DICKEY, R. R.
PRELIMINARY EVALUATION OF A NUMBER OF ABLATIVE HEAT-SHIELD MATERIALS EXPOSED TO COMBINED RADIATIVE AND CONVECTIVE HEATING.
N66-33397 20M S04 19 MC$ 3.00 MF$ 0.75

DILLARD, J. H.
THE IMPLICATIONS OF SEVERAL TYPES OF STATISTICAL SPECIFICATIONS,
PB-173 410 13B U41 24 MC$ 2.00 MF$ 0.50

DIMSDALE, B.
THE PREPARATION OF A THEODOLITE PROBLEM FOR LARGE SCALE COMPUTING MACHINES.
AD-641 963 8E T66 24 MC$ 1.00 MF$ 0.50

DINEWITZ, I.
NONLINEAR FLUX FLOW IN TYPE-II SUPERCONDUCTORS,
AD-641 761 20C T66 24

DINEWITZ, I. J.
RESISTANCE IN THE INTERMEDIATE STATE OF TYPE I SUPERCONDUCTORS,
AD-641 759 20C T66 24

DIPRIMA, R. C.
NONLINEAR ASPECTS OF INSTABILITY IN FLOW BETWEEN ROTATING CYLINDERS,
AD-641 841 20D T66 24

DITTER, J. F.
ANALYSIS OF BORANES AND CARBORANES BY MASS SPECTROMETRY.
AD-641 578 7B T66 24 MC$ 2.00 MF$ 0.50

DIVEN, J. L.
EFFECTIVE MOMENT OF INERTIA AND VELOCITY RATIO FOR LIQUID-FILLED CYLINDRICAL TANKS OSCILLATING ABOUT THE LONGITUDINAL AXIS.
N66-33433 21I S04 19 MC$ 2.00 MF$ 0.50

DIXON, S. C.
COMPARISON OF PANEL FLUTTER RESULTS FROM APPROXIMATE AERODYNAMIC THEORY WITH RESULTS FROM EXACT INVISCID THEORY AND EXPERIMENT.
N66-38412 20K S04 23 MC$ 2.00 MF$ 0.50

DOBIE, J.
PROPERTIES AND UTILIZATION OF LODGEPOLE PINE IN WESTERN CANADA,
PB-173 469 11L U41 24 MC$ 2.60 MF$ 0.50

DOCKREY, A. F.
GENERAL-PURPOSE I/O CHANNEL AND INTERFACE FOR HAYSTACK 490 COMPUTER.
AD-641 640 17I T66 24 MC$ 2.00 MF$ 0.50

DODGE, H. F.
CHAIN SAMPLING INSPECTION PLANS - CHSP-0,4 AND CHSP-1, 4 TECHNICAL REPORT NO. N-24.
N66-37927 12A S04 23 MC$ 1.00 MF$ 0.50

DODGE, WILLIAM R., JR.
BIBLIOGRAPHY ON EARTH MOVEMENT,
AD-641 716 8M T66 24 MC$ 6.00 MF$ 1.25

DODSON-PRINCE, H.
SOLAR ACTIVITY CATALOGUE, VOLUME I - CATALOGUE OF SOLAR ACTIVITY DURING 1954 - 1956.
N66-33431 4A S04 19 MC$ 5.00 MF$ 1.25

DOGGETT JR, R. V.
AN EXPERIMENTAL INVESTIGATION OF AERODYNAMIC EFFECTS OF AIRFOIL THICKNESS ON TRANSONIC FLUTTER CHARACTERISTICS,
N66-33326 1A S04 19 MC$ 2.00 MF$ 0.50

DOMARADSKII, I. V.
EFFECT OF PLAGUE TOXIN ON BLOOD PROTEINS AND INCORPORATION OF METHIONINE-S35 INTO TISSUE PROTEINS,
AD-641 427 6E T66 24 MC$ 1.00 MF$ 0.50

DOMENICI, M.
DIFFRACTOMETRIC RESEARCH IN THE FIELD OF DISORDERED STRUCTURES,
N66-38068 20B S04 23 MC$ 1.00 MF$ 0.50

RECENT STUDIES ON PYROLYTIC CARBON COATINGS ON FUEL PARTICLES,
N66-39087 18G S04 23 MC$ 2.00 MF$ 0.50

DOMINGUEZ, CARLOS D.
FREQUENCY TEMPERATURE COMPENSATION TECHNIQUES FOR QUARTZ CRYSTAL OSCILLATORS,
AD-481 611 9E U41 24 MC$ 3.00 MF$ 0.75

DOMINGUEZ, C. D.
FREQUENCY TEMPERATURE COMPENSATION TECHNIQUES FOR QUARTZ CRYSTAL OSCILLATORS,
AD-485 171 9E U41 24 MC$ 2.00 MF$ 0.50

DONIAN, HAIG C.
STUDY OF CHROMOTROPIC PROPERTIES OF COLORANTS,
AD-449 505 7C U41 24 MC$ 3.00

DONN, B. D.
ON THE EARLY HISTORY OF THE EARTH,
N66-33177 8G S04 19 MC$ 3.00 MF$ 0.50

DONN, W. L.
ON THE EARLY HISTORY OF THE EARTH,
N66-33177 8G S04 19 MC$ 3.00 MF$ 0.50

DORSEY, WARREN G.
A PRACTICAL METHOD FOR PARTIAL PURIFICATION OF THE ORGANISM OF PSITTACOSIS GROWN IN CHICKEN EMBRYO YOLK SAC,
AD-641 946 8M T66 24

DOTSON, L. E.
POTASSIUM CORROSION TEST LOOP DEVELOPMENT - PURIFICATION, ANALYSIS AND HANDLING OF SODIUM AND POTASSIUM TOPICAL REPORT NO. 4,
N66-38725 14B S04 23 MC$ 5.00 MF$ 1.25

DOUGHERTY, D. E.
PROCESS FLUID LUBRICATION,
AD-641 369 11H T66 24 MC$ 1.00 MF$ 0.50

DOUGLASS, H. W.
PERFORMANCE OF JP-4 FUEL WITH FLUORINE- OXYGEN MIXTURES IN 1000-POUND-THRUST ROCKET ENGINES,
N66-33309 21I S04 19 MC$ 2.00 MF$ 0.50

EXPERIMENTAL PERFORMANCE OF LIQUID HYDROGEN AND LIQUID FLUORINE IN REGENERATIVELY COOLED ROCKET ENGINES,
N66-33342 21H S04 19 MC$ 2.00 MF$ 0.50

DOWNING, THOMAS J.
THE ACOUSTIC ANALYSIS OF MATERIALS IN DYNAMIC APPLICATIONS,
AD-641 720 14B T66 24 MC$ 2.00 MF$ 0.50

DOWNS, W. R.
FLAMMABILITY IN ZERO-GRAVITY ENVIRONMENT,
N66-37777 21B S04 23 MC$ 2.00 MF$ 0.50

DOW, D. A.
TEST OF A LARGE-DIAMETER RING-STIFFENED CYLINDER SUBJECTED TO HYDROSTATIC PRESSURE,
N66-38411 20K S04 23 MC$ 1.00 MF$ 0.50

DRAGO, A.
RECENT STUDIES ON PYROLYTIC CARBON COATINGS ON FUEL PARTICLES,
N66-39087 18G S04 23 MC$ 2.00 MF$ 0.50

DRAKE, J. L.
FEASIBILITY STUDY OF FREEZE-OUT TECHNIQUES FOR CONTAMINANT CONTROL WITHIN MANNED SPACECRAFT ATMOSPHERES FINAL TECHNICAL REPORT, 11 OCT. 1965 - 11 APR. 1966,
N66-33198 5E S04 19 MC$ 5.00 MF$ 1.00

DRAPER, NORMAN R.
CONSTRUCTION OF THE UNIQUE SATURATED RESOLUTION V DESIGN IN 256 RUNS,
AD-641 397 12A T66 24 MC$ 1.00 MF$ 0.50

THE CONSTRUCTION OF SATURATED DESIGNS,
AD-641 934 12A T66 24 MC$ 2.00 MF$ 0.50

FACTOR CHANGES AND LINEAR TRENDS IN EIGHT-RUN TWO-LEVEL FACTORIAL DESIGNS,
PB-173 442 12A U41 24 MC$ 1.00 MF$ 0.50

DRAWIN, HANS-WERNER
EFFET D UN CHAMP MAGNETIQUE UNIFORME SUR LES PROFILS DES RAIES DE L HYDROGENE (THE EFFECT OF AN HOMOGENEOUS MAGNETIC FIELD ON THE LINE PROFILES OF HYDROGEN),
PB-173 392 20I U41 24 MC$ 3.00 MF$ 0.75

DREES, JOSEPH
DEVELOPMENT OF ELECTRON GUN WITH NON-INTERCEPTING GRIDS,
AD-456 787 9A U41 24 MC$ 1.00

DRESSLER, K.
ABSORPTION SPECTRUM OF THE NO MOLECULE, V - SURVEY OF EXCITED STATES AND THEIR INTERACTIONS,
N66-33367 7D S04 19 MC$ 2.00 MF$ 0.50

DREW, J. G.
STUDY OF CONTAMINATION SENSORS, VOLUME II - FINAL TECHNICAL REPORT,
N66-37943 14B S04 23 MC$ 7.00 MF$ 2.00

STUDY OF CONTAMINATION SENSORS, VOLUME I - EXECUTIVE SUMMARY REPORT,
N66-37944 14B S04 23 MC$ 2.00 MF$ 0.50

DREYFUS, S. E.
APPLICATION OF DYNAMIC PROGRAMMING TO THE AIRPLANE MINIMUM TIME-TO-CLIMB PROBLEM,
AD-101 000 17G U41 24 MC$ 2.00

DROZDOV, V. O.
INFRARED QUENCHING OF THE PHOTOVOLTAIC EFFECT IN CADMIUM SULFIDE,
N66-33685 20L S04 19 MC$ 1.00 MF$ 0.50

DUDA, R. O.
GRAPHICAL-DATA-PROCESSING RESEARCH STUDY AND EXPERIMENTAL INVESTIGATION,
AD-641 647 9B T66 24 MC$ 3.00 MF$ 0.50

DUFFIN, R. F.
REMARKS ON A GENERALIZATION OF BANACH S PRINCIPLE OF CONTRACTION MAPPINGS,
AD-641 538 12A T66 24

DUNCAN, LOUIS D.
SIX DEGREE OF FREEDOM DIGITAL SIMULATION MODEL FOR UNGUIDED FIN-STABILIZED ROCKETS,
AD-452 186 19G U41 24 MC$ 2.00

DUNHAM, PATRICK G.
SHOCKTUBE STUDIES OF GAS-LIQUID REACTIONS AND OF GAS-PHASE DIFFUSION,
AD-641 435 20D T66 24 MC$ 4.00 MF$ 1.00

DUNLAP, B. D.
INTERNAL FIELD OF FE57 IN NICKEL FROM 77K TO THE CURIE POINT,
AD-641 763 20L T66 24

DUNNE, J. C.
INDEX TO AGARD PUBLICATIONS 1952 - 1963, SUPPLEMENT NUMBER ONE,
N66-37801 22B S04 23 MC$ 3.25 MF$ 1.00

DUNNING, R. S.
DETERMINATION OF ORBIT OF A SPACECRAFT WITH RESPECT TO AN OBJECT IN A KNOWN CIRCULAR ORBIT,
N66-33016 22C S04 19 MC$ 2.00 MF$ 0.50

DUWALDT, FRANK A.
EXPERIMENTAL AND THEORETICAL INVESTIGATION OF THE FLUTTER CHARACTERISTICS OF A MODEL HELLICOPTER ROTOR BLADE IN FORWARD FLIGHT,
AD-275 107 1A U41 24 MC$ 7.00

EAKINS, W. J.
INITIATION OF FAILURE MECHANISMS IN GLASS- RESIN COMPOSITES,
N66-33464 11D S04 19 MC$ 3.00 MF$ 0.75

EARLY, L. J.
DEVELOPMENT OF A SMALL ANIMAL PAYLOAD AND INTEGRATION WITH A SOUNDING ROCKET,
N66-33540 22B S04 19 MC$ 3.00 MF$ 0.75

EASTERDAY, J. L.
ELECTRONIC PACKAGING - A BIBLIOGRAPHY,
N66-33390 9A S04 19 MC$ 3.00 MF$ 0.75

EBERHARD, C. A.
A COMPREHENSIVE MAP OF THE SPACE RADIATION ENVIRONMENT,
AD-641 509 3B T66 24 MC$ 6.00 MF$ 1.50

EBERSOLE, S. J.
THE PROTON MAGNETIC RESONANCE SPECTRA OF OLEFINS, V, 3-CHLORO- AND 3-METHOXYPROPENES,
AD-641 462 7C T66 24

EBERT, PAUL M.
ERROR BOUNDS FOR PARALLEL COMMUNICATION CHANNELS,
AD-641 325 17B T66 24 MC$ 3.00 MF$ 0.75

ECKERT, P. F.
GUIDE TO THE PROCESSING, STORAGE, AND RETRIEVAL OF BIBLIOGRAPHIC INFORMATION AT THE NASA SCIENTIFIC AND TECHNICAL INFORMATION FACILITY,
N66-34085 5B S04 19 MC$ 3.25 MF$ 1.00

ECK, T. G.
CYCLOTRON RESONANCE IN ZINC,
AD-641 621 20L T66 24

EDELSTEIN, S. J.
ULTRACENTRIFUGE STUDIES WITH ABSORPTION OPTICS. IV. MOLECULAR WEIGHT DETERMINATIONS AT THE MICROGRAM LEVEL,
AD-641 831 6A T66 24

EDEN, R. J.
USE OF UNITARITY IN PROVING POMERANCHUK S THEOREM ON CROSS SECTIONS AT HIGH ENERGIES,
AD-641 619 20J T66 24

EDGERTON, HAROLD A.
STUDY OF BASIC FIXED GUNNERY,
AD-641 824 5I T66 24 HC$ 3.00 MF$ 0.75

EDWARDS, STEVE
DIRECT REACTION ANALYSIS OF THE F19(P,ALPHA)O16 REACTION,
AD-641 684 20H T66 24

EELDMAN, DORIAN
ESTIMATION OF NON-UNIQUE QUANTILES,
AD-641 534 12A T66 24

EGGERS JR, A. J.
EXPERIMENTAL INVESTIGATION OF A BODY FLARE FOR OBTAINING PITCH STABILITY AND A BODY FLAP FOR OBTAINING PITCH CONTROL IN HYPERSONIC FLIGHT,
N66-34083 1D S04 19 HC$ 2.00 MF$ 0.50

EHLERT, T. C.
SUBLIMATION PRESSURES OF REFRACTORY FLUORIDES,
N66-33392 7D S04 19 HC$ 1.00 MF$ 0.50

EHUD, LEVY-PASCAL A.
FUEL CELL CATHODE STRUCTURES AND REACTIONS,
AD-286 698 10B U41 24 HC$ 10.60

EICHENBERGER, T. W.
THERMAL CONDUCTIVITY OF Q-FELT INSULATION AT ELEVATED TEMPERATURES,
AD-455 328 11G U41 24 HC$ 10.60

EICHER, MAYNARD
INTEGRATING PHOTOELECTRIC RECORDER FOR PAPER AND OTHER ELECTROPHORETIC MEASUREMENTS,
AD-641 565 6L T66 24 HC$ 1.00 MF$ 0.50

EILERTSON, W. H.
STUDY OF LOCAL FLOW CONDITIONS OVER A HEMISPHERICALLY BLUNTED 25 DEG CONE FOR A SHALLOW RE-ENTRY TRAJECTORY,
N66-33979 22C S04 19 HC$ 2.00 MF$ 0.50

EISENBERG, M.
DIRECT AMMONIA-AIR FUEL CELL,
AD-445 865 18A U41 24 HC$ 5.60

EKLUND, ARNOLD M.
PRODUCTION ENGINEERING MEASURE FOR LOW FIELD MAGNETRON BL-234C,
AD-641 409 9A T66 24 HC$ 2.00 MF$ 0.50

ELBAROUDI, M. Y.
TURBULENCE-INDUCED PANEL VIBRATION,
AD-448 045 20K U41 24 HC$ 3.00

ELDRED, C. M.
FLAMMABILITY IN ZERO-GRAVITY ENVIRONMENT,
N66-37777 21B S04 23 HC$ 2.00 MF$ 0.50

ELKIN, I. I.
PROBLEMS OF EPIDEMIOLOGICAL GEOGRAPHY. REPORT IV. ZONAL, REGIONAL AND RESIDUAL NOSOLOGICAL AREAS OF DISEASE,
AD-641 747 6F T66 24 HC$ 1.00 MF$ 0.50

ELLIS, J.
STUDY OF QUASI-OPTIMUM FEEDBACK CONTROL TECHNIQUES,
N66-33458 17G S04 19 HC$ 3.00 MF$ 0.75

EL-SHISHINI, M. M.
TEMPERATURE DEPENDENCE OF THE RESPONSE OF LITHIUM-DRIFTED GERMANIUM DETECTORS TO GAMMA RAYS,
N66-39713 18D S04 23 HC$ 3.00 MF$ 0.75

EMANUEL, IRVIN
STUDIES OF INFECTIOUS DISEASES OF TAIWAN,
AD-641 987 6E T66 24 HC$ 1.00 MF$ 0.50

ENGEL, OLIVE G.
COLLISONS OF LIQUID DROPS WITH LIQUIDS. SUPPLEMENT I. NEW CRATER DEPTH DATA FOR IMPACTS OF WATERDROPS WITH WATER,
AD-641 302 20D T66 24 HC$ 1.00 MF$ 0.50

ENGER, ISADORE
A STATISTICAL APPROACH TO THE 12-48-HR PREDICTION OF PRECIPITATION PROBABILITY,
PB-173 423 4B U41 24 HC$ 4.00 MF$ 0.75

ENGESSER, F. C.
GAMMA RAYS RESULTING FROM INTERACTIONS OF 14.7 MEV NEUTRONS WITH MAGNESIUM, ALUMINUM, CALCIUM, TITANIUM AND IRON,
AD-467 464 20H U41 24 HC$ 4.60 MF$ 0.50

AD-467 464 20H U41 24 HC$ 4.60 MF$ 0.50

ENGLERT, ALVIN J.
DISCLOSURES ON A TRANSROTOR ENGINE, HIGH TEMPERATURE PLATINUM RESISTANCE THERMOMETER, DYNAMIC ANALOG CORRELATION SYSTEM, AND COMBINATION METERING AND SAFETY VALVE FOR FILLING SONDE BALLONS WITH HYDROGEN,
NBS-TN-295 14B U41 24 HC$ 0.25 MF$ 0.50

ENGLERT, G. W.
HIGH-ENERGY ION BEAMS USED TO ACCELERATE HYDROGEN PROPELLANT ALONG MAGNETIC TUBE OR FLUX,
N66-37680 18K S04 23 HC$ 2.00 MF$ 0.50

ENSEY, RONALD J.
SIX DEGREE OF FREEDOM DIGITAL SIMULATION MODEL FOR UNGUIDED FIN-STABILIZED ROCKETS,
AD-452 106 19G U41 24 HC$ 2.60

EPLEY, ARTHUR W.
ON THE BURST-ERROR-CORRECTING RECURRENT CODES,
AD-641 562 9D T66 24 HC$ 2.00 MF$ 0.50

EPPERSON, W. L.
OBSERVATIONS ON MAN IN AN OXYGEN-HELIUM ENVIRONMENT AT 380 MM. HG TOTAL PRESSURE. III. HEAT EXCHANGE,
AD-641 827 6S T66 24

EPSTEIN, J. H.
SOME REMARKS ON THE USE OF THE VARIATIONAL PRINCIPLE FOR THE SECOND ORDER ENERGY,
N66-33420 20J S04 19 HC$ 1.00 MF$ 0.50

EPSTEIN, S. T.
SOME REMARKS ON THE USE OF THE VARIATIONAL PRINCIPLE FOR THE SECOND ORDER ENERGY,
N66-33420 20J S04 19 HC$ 1.00 MF$ 0.50

EREMEEV, V. F.
RESEARCH IN GEODETIC GRAVIMETRY,
AD-641 753 8E T66 24 HC$ 4.00 MF$ 1.00

ERENETA, W. J.
A STUDY OF POTENTIAL ROLES OF SUPERSONIC TRANSPORT CREWS AND SOME IMPLICATIONS FOR THE FLIGHT DECK, VOLUME II - FEASIBLE AUTOMATED AND MANUAL IMPLEMENTATION CONCEPTS FOR SST ACTIVITIES AND FUNCTIONS, FINAL REPORT,
N66-38751 5H S04 23 HC$ 6.00 MF$ 3.00

ERLBACH, E.
INFRARED ABSORPTION OF UNIAXIALLY STRESSED GERMANIUM,
AD-641 522 20L T66 24

POLARIZATION DEPENDENCE OF THE INDIRECT PIEZOABSORPTION COEFFICIENT IN GE AND SI,
AD-641 523 20L T66 24

ERMAKOV, B. A.
BLEACHING MECHANISM OF ORGANIC PHOTOTROPIC SUBSTANCES USED IN RUBY LASERS AS SWITCHES,
AD-641 876 20E T66 24 HC$ 1.00 MF$ 0.50

ERNST, R.
SIGNAL ENHANCEMENT TECHNIQUES,
AD-641 413 9E T66 24 HC$ 3.00 MF$ 0.75

ESCOBAL, P. R.
OPTIMUM SECONDARY IMPULSE FOR INTERPLANETARY TRANSFER TECHNICAL NOTE 66-21,
N66-32759 22C S04 19 HC$ 2.00 MF$ 0.50

EULNER, R. N.
PHOTOGRAPHIC INVESTIGATION OF PROPELLANT STREAM BEHAVIOR IN A FIRING ROCKET ENGINE, VOLUME I TECHNICAL SUMMARY REPORT, 1 AUG. 1964 - 28 FEB. 1966,
N66-34042 21H S04 19 HC$ 3.00 MF$ 0.75

EVANS, D. H.
GROWTH OF ACTINOBACILLUS MALLEI IN CHEMICALLY DEFINED MEDIA,
AD-641 516 6M T66 24

COLONIAL VARIATION IN ACTINOBACILLUS MALLEI,
AD-641 517 6M T66 24

USE OF KANAMYCIN FOR THE ISOLATION OF AUXOTROPHIC MUTANTS OF ACTINOBACILLUS MALLEI,
AD-641 518 6M T66 24

UTILIZATION OF CARBOHYDRATES BY ACTINOBACILLUS MALLEI,
AD-641 519 6M T66 24

EVANS, D. S.
FUNDAMENTAL DATA FOR SOUTHERN STARS (SIXTH LISTS),
N66-33100 3B S04 19 HC$ 1.00 MF$ 0.50

EVANS, G. W., II
SOME ADDITIONAL THEOREMS FOR A NON-STATIONARY STOCHASTIC PROCESS WITH A CONTINUOUS, NON-RANDOM, TIME-DEPENDENT COMPONENT,
AD-405 338 12A U41 24 HC$ 4.60

EVERSMAN, W.
SOME FREE VIBRATION AND DYNAMIC RESPONSE PROBLEMS ASSOCIATED WITH CENTRIFUGALLY STABILIZED DISK AND SHELL STRUCTURES SEMIANNUAL PROGRESS REPORT, 15 FEB. - 15 AUG. 1966,
N66-33480 20K S04 19 HC$ 1.00 MF$ 0.50

EWASHINKA, J. G.
THERMAL CYCLING OF THIN-FILM CADMIUM SULFIDE SOLAR CELLS,
N66-37674 10A S04 23 HC$ 1.00 MF$ 0.50

EWING, GEORGE M.
SUFFICIENT CONDITIONS FOR GLOBAL EXTREMA IN THE CALCULUS OF VARIATIONS,
AD-641 453 12A T66 24

EZRAN, LEON
RESULTATS D IRRADIATION D ELEMENTS COMBUSTIBLES EN OXYDE MIXTE UO2 - PUO2 (RESULTS OF THE IRRADIATION OF MIXED UO2 - PUO2 OXIDE FUEL ELEMENTS),
PB-173 385 18J U41 24 HC$ 3.00 MF$ 0.75

FACEY, R. A.
A SUBSTANDARD LIGHT SOURCE OF VERY LOW INTENSITY,
AD-641 927 14B T66 24

FAIRCHILD, W.
MEASURE ALGEBRAS AND SPECTRAL REPRESENTATIONS,
AD-641 576 12A T66 24 HC$ 2.00 MF$ 0.50

FALES, C. L.
DAMAGE TO FIELD-EFFECT TRANSISTORS UNDER 22 AND 128 ME V PROTON BOMBARDMENTS.
N66-37676 9A S04 23 HC$ 2.00 MF$ 0.50

FARISH, P. T.
A MANAGEMENT PLAN FOR SYSTEMS ASSURANCE DURING PHASES A, B, C, AND D.
N66-38746 5A S04 23 HC$ 2.00 MF$ 0.50

FARLEY, T. A.
A COMPREHENSIVE MAP OF THE SPACE RADIATION ENVIRONMENT,
AD-641 509 3B T66 24 HC$ 6.00 MF$ 1.50

FARRELL, DOROTHY
STUDY OF MAN DURING A 56-DAY EXPOSURE TO AN OXYGEN-HELIUM ATMOSPHERE AT 258 MM. HG TOTAL PRESSURE. XI. ORAL, CUTANEOUS, AND AEROSOL BACTERIOLOGIC EVALUATION,
AD-641 816 6S T66 24

FARRELL, D. E.
RESISTANCE IN THE INTERMEDIATE STATE OF TYPE I SUPERCONDUCTORS,
AD-641 759 20C T66 24

NONLINEAR FLUX FLOW IN TYPE-II SUPERCONDUCTORS,
AD-641 761 20C T66 24

FARRER, DONALD N.
PERFORMANCE OF RHESUS MONKEYS DURING CONTINUOUS LOW-LEVEL GAMMA RADIATION AN EXPLORATORY STUDY.
AD-641 331 6R T66 24 HC$ 2.00 MF$ 0.50

FASTIE, W. G.
ULTRAVIOLET MEASUREMENTS IN PLANETARY ATMOSPHERES.
N66-38722 4A S04 23 HC$ 2.00 MF$ 0.50

FAUCONNEAU, G.
THE EIGENVALUE PROBLEM FOR BEAMS AND RECTANGULAR PLATES WITH LINEARLY VARYING IN-PLANE AND AXIAL LOAD.
N66-33023 20K S04 19 HC$ 2.00 MF$ 0.50

FAURE, JEAN
ETUDE THEORIQUE ET EXPERIMENTALE DE LA FOCALISATION DES IONS AFIN D AMELIORER, LA BRILLANCE DU FAISCEAU IONIQUE PAR LA SUPPRESSION DES CAUSES D ABERRATION (THEORETICAL AND EXPERIMENTAL STUDY OF ION FOCUSING SYSTEMS IN ORDER TO IMPROVE THE ION BEAM BRIGHTNESS BY SUPPRESSING ABERRATION CAUSES).
PB-173 402 20G U41 24 HC$ 3.00 MF$ 0.75

FAUST, KENNETH J.
EVALUATION OF A SWIMMER S CONTACT AIR-WATER LENS SYSTEM,
AD-641 997 17H T66 24

FEARNEHOUGH, G. D.
THE STRAIN RATE SENSITIVITY OF THE YIELD STRESS OF STEELS.
N66-33035 11F S04 19 HC$ 1.00 MF$ 0.50

IRRADIATION DAMAGE IN MILD STEEL. A COMPARISON OF CRACK ARREST TEST AND CHARPY CRITERIA AND THE INFLUENCE OF NEUTRON SPECTRUM.
N66-37780 18H S04 23 HC$ 2.00 MF$ 0.50

FEDOROV, A. P.
THE USE OF OPTICALLY ACTIVE COATINGS IN THE SOLUTION OF PLANE ELASTO-PLASTIC PROBLEMS,
AD-641 649 20K T66 24 HC$ 1.00 MF$ 0.50

FEHLBERG, E.
NEW ONE-STEP INTEGRATION METHODS OF HIGH-ORDER ACCURACY APPLIED TO SOME PROBLEMS IN CELESTIAL MECHANICS.
N66-37778 12A S04 23 HC$ 2.00 MF$ 0.50

FEILER, A. W.
SIMULATION ANALYSIS OF THE MARINE PORT-COMPLEX.
AD-641 700 15E T66 24 HC$ 3.00 MF$ 0.75

FEINBERG, MORTIMER R.
A GUIDE FOR DETERMINING TRAINING AID AND DEVICE REQUIREMENTS,
AD-641 912 5I T66 24 HC$ 2.00 MF$ 0.50

FELDMAN, N. E.
COMMUNICATION SATELLITE OUTPUT DEVICES.
N66-33181 17B S04 19 HC$ 2.00 MF$ 0.50

FELDMAN, U.
IDENTIFICATIONS OF SOLAR ULTRAVIOLET LINES RESULTING FROM A STUDY OF THE AR I AND K I ISOELECTRONIC SEQUENCES.
AD-641 444 3B T66 24

FELSENTREGER, T. L.
ANALYSIS OF LUNAR AND SOLAR EFFECTS ON THE MOTION OF CLOSE EARTH SATELLITES.
N66-32945 22A S04 19 HC$ 2.50 MF$ 0.75

FENNELL, J.
ANALYSIS OF ARGUS/EXPLORER IV RECORDS.
AD-463 240 18C U41 24 HC$ 4.00

FENN, D. B.
COMPARISON OF CALCULATED AND MEASURED CHARACTERISTICS OF HORIZONTAL MULTITUBE HEAT EXCHANGER WITH STEAM CONDENSING INSIDE TUBES.
N66-38418 10B S04 23 HC$ 2.00 MF$ 0.50

FERDER, L.
PULSED GAS CHROMATOGRAPHIC SEPARATION FINAL REPORT.
N66-38086 7A S04 23 HC$ 4.00 MF$ 1.00

FERGUSON, JAMES M.
A COMPUTER CODE FOR ESTIMATING THE PROTECTION OFFERED BY SHIPS AGAINST FALLOUT, BASE SURGE, OR WATER POOL RADIATION,
AD-641 664 13J T66 24 HC$ 2.00 MF$ 0.50

FERRISO, C. C.
PREDICTION OF TOTAL EMISSIVITY OF NITROGEN- BROADENED AND SELF-BROADENED HOT WATER VAPOR.
N66-38114 20M S04 23 HC$ 2.00 MF$ 0.50

FERRIS, THOMAS G.
KINETICS AND MECHANISM OF ALBUMIN DENATURATION.
AD-642 001 6A T66 24

FERRON, JOHN R.
SHOCKTUBE STUDIES OF GAS-LIQUID REACTIONS AND OF GAS-PHASE DIFFUSION.
AD-641 435 20D T66 24 HC$ 4.00 MF$ 1.00

FETTERMAN JR, D. E.
STATIC LONGITUDINAL, DIRECTIONAL, AND LATERAL STABILITY AND CONTROL DATA AT A MACH NUMBER OF 6.83 OF THE FINAL CONFIGURATION OF THE X- 15 RESEARCH AIRPLANE.
N66-33320 1D S04 19 HC$ 3.00 MF$ 0.75

FETTER, R. B.
A MODEL FOR THE DESIGN AND EVALUATION OF AIR CARGO SYSTEMS,
AD-641 335 15E T66 24 HC$ 3.00 MF$ 0.75

FIELDS, HOWARD L.
FUNCTIONAL ROLE OF MUSCLE RECEPTOR ORGANS IN CRAYFISH,
AD-641 487 6C T66 24

FIGA-TALAMANCA, ALESSANDRO
FACTORIZATION THEOREMS FOR BANACH ALGEBRAS,
AD-641 464 12A T66 24

A THEOREM OF LITTLEWOOD AND LACUNARY SERIES FOR COMPACT GROUPS,
AD-641 466 12A T66 24

FINDL, E.
PULSED GAS CHROMATOGRAPHIC SEPARATION FINAL REPORT.
N66-38086 7A S04 23 HC$ 4.00 MF$ 1.00

FISHER, JOHN W.
CALIBRATION TEST OF A490 HIGH-STRENGTH BOLTS,
PB-173 405 13E U41 24 HC$ 1.00 MF$ 0.50

FISH, JAMES F.
SOUND PRODUCTION IN THE AMERICAN LOBSTER, HOMARUS AMERICANUS H. MILNE EDWARDS (DECAPODA REPTANTIA),
AD-641 421 6C T66 24

FITZGERALD, J. P.
STUDY OF LARGE ELECTRICAL BUS BARS IN PROTECTED DUCTS FOR AN ADVANCED SHIP,
PB-173 247 9A U41 24 HC$ 3.00 MF$ 0.75

FITZPATRICK, DAVID F.
PATHOPHYSIOLOGY OF ANTHRAX,
AD-641 933 6E T66 24

FLECK, P. L.
A TRANSISTORIZED FREQUENCY STANDARD.
AD-251 187 9E U41 24 HC$ 1.60

FLEROVA, N. A.
THE USE OF OPTICALLY ACTIVE COATINGS IN THE SOLUTION OF PLANE ELASTO-PLASTIC PROBLEMS.
AD-641 649 20K T66 24 HC$ 1.00 MF$ 0.50

FLETCHER, C. L.
DEVELOPMENT OF A HIGH-INTENSITY SOLID-STATE GAMMA-RAY DOSIMETER SYSTEM.
AD-641 654 6R T66 24 HC$ 3.00 MF$ 0.75

FLOOD, J.
TEST PROGRAM ON THIN-WALLED TUBES WITH ZERO THERMAL GRADIENT FINAL REPORT.
N66-33572 20K S04 19 HC$ 3.25 MF$ 1.25

FLYNN, PAUL D.
PHOTOELASTIC STUDIES OF DYNAMIC STRESSES IN HIGH MODULUS MATERIALS,
AD-641 984 20K T66 24

FOILES, C. L.
EFFECT OF HYDROSTATIC PRESSURE ON THE CURIE POINTS OF SEVERAL FERRITES.
AD-641 494 11G T66 24

FOLK, H.
DEMAND FOR ENGINEERS AND SCIENTISTS.
N66-38721 5I S04 23 HC$ 3.00 MF$ 0.75

FONDY, T. P.
STRUCTURAL AND FUNCTIONAL PROPERTIES OF THE H AND M SUBUNITS OF LACTIC DEHYDROGENASES.
N66-33173 6A S04 19 HC$ 2.00 MF$ 0.50

FORBES, FRED W.

EXPANDABLE AND MODULAR STRUCTURES TECHNOLOGY FOR SUPPORT OF MANNED MISSIONS,
AD-641 903 22A T66 24 HC$ 1.00 MF$ 0.50

FORD, H. C.
CRITICAL MASS STUDIES WITH THE NASA ZERO POWER REACTOR II. II - HETEROGENEOUS ARRAYS OF CYLINDRICAL VOIDS,
N66-33021 18L S04 19 HC$ 1.00 MF$ 0.50

FOREHAND, HARRY
PRODUCTION ENGINEERING MEASURE FOR INSULATED GATE FIELD EFFECT TRANSISTORS,
AD-641 401 9A T66 24 HC$ 3.00 MF$ 0.75

FORNARO, R.
ROOT LOCUS DIAGRAMS BY DIGITAL COMPUTER,
N66-33462 12A S04 19 HC$ 2.00 MF$ 0.50

FORSTAT, H.
MAGNETIC AND CALORIC PROPERTIES OF K3MOCL6,
AD-641 549 20L T66 24

FURTHER EVIDENCE FOR A MAGNETIC TRANSITION IN MNCL2.(NH2)2CS)4,
AD-641 550 20L T66 24

MAGNETIC TRANSITION IN THIOUREA-COORDINATED COBALT CHLORIDE,
AD-641 551 20L T66 24

FORT, D. M.
COST-EFFECTIVENESS CONSIDERATIONS IN THE DESIGN AND EMPLOYMENT OF ARMY OFF-ROAD VEHICLES,
AD-641 644 13F T66 24 HC$ 3.00 MF$ 0.50

FOSS JR, W. E.
STATIC STABILITY AND CONTROL CHARACTERISTICS OF TWO LARGE-DIHEDRAL RIGHT TRIANGULAR PYRAMID LIFTING REENTRY CONFIGURATIONS AT A MACH NUMBER OF 3.05.
N66-33317 1D S04 19 HC$ 2.00 MF$ 0.50

FOSTER, HARRIET
A STUDY OF TRANSFER IN A MOTOR TASK WITH VARYING DISPLAY-CONTROL RELATIONSHIPS,
AD-641 580 5I T66 24 HC$ 3.60 MF$ 0.50

TRANSFER OF TRAINING FROM PRACTICE ON COMPONENTS IN A MOTOR SKILL,
AD-641 581 5I T66 24 HC$ 6.60 MF$ 0.75

THE MEASUREMENT OF TRANSFER OF TRAINING,
AD-641 582 5I T66 24 HC$ 6.60 MF$ 0.75

TRANSFER OF DISCRIMINATION TO A MOTOR TASK,
AD-641 583 5I T66 24 HC$ 3.60 MF$ 0.50

TRANSFER TO A MOTOR SKILL FROM PRACTICE ON A PICTURED REPRESENTATION,
AD-641 584 5I T66 24 HC$ 2.00 MF$ 0.50

ON THE RELATION BETWEEN SIMILARITY AND TRANSFER OF TRAINING IN THE LEARNING OF DISCRIMINATIVE MOTOR TASKS,
AD-641 585 5I T66 24 HC$ 2.00 MF$ 0.50

FOSTER, WALTER H., JR.
STUDY OF CHROMOTROPIC PROPERTIES OF COLORANTS,
AD-449 505 7C U41 24 HC$ 3.00

FOURNIER, P. G.
LOW-SUBSONIC WIND-TUNNEL AND FREE-FLIGHT DROP-TEST INVESTIGATION OF A PARAGLIDER CONFIGURATION HAVING LARGE TAPERED LEADING EDGES AND KEEL,
N66-39136 1A S04 23 HC$ 2.00 MF$ 0.50

FOURNIER, R. H.
AERODYNAMIC CHARACTERISTICS OF A 60 DEGREE SWEPTBACK-WING AIRPLANE CONFIGURATION HAVING TAIL SURFACES LOCATED OUTBOARD OF THE WING TIPS AT MACH NUMBERS OF 2.30, 2.97, 3.51, AND 4.06.
N66-33321 1A S04 19 HC$ 3.00 MF$ 0.50

SUPERSONIC AERODYNAMIC CHARACTERISTICS OF A SERIES OF RELATED BODIES WITH CROSS-SECTIONAL ELLIPTICITY,
N66-33457 1A S04 19 HC$ 3.00 MF$ 0.75

SUPERSONIC AERODYNAMIC CHARACTERISTICS OF A SATURN IB LAUNCH VEHICLE MODEL WITH THIRD-STAGE MODIFICATIONS,
N66-33486 1A S04 19 HC$ 1.00 MF$ 0.50

FOWLER, J. _.
EXPERIMENTAL STUDY OF DYNAMIC EFFECTS OF CREW MOTION IN A MANNED ORBITAL RESEARCH LABORATORY (MORL).
N66-39756 5H S04 23 HC$ 3.25 MF$ 1.25

FOX, B.
ADAPTIVE AGE REPLACEMENT,
N66-38714 14D S04 23 HC$ 1.00 MF$ 0.50

FOX, S. W.
SIMULATION OF ORGANISMIC MORPHOLOGY AND BEHAVIOR BY SYNTHETIC POLY-ALPHA-AMINO ACIDS,
N66-37894 6A S04 23 HC$ 1.00 MF$ 0.50

FOX, T. A.
CRITICAL MASS STUDIES WITH THE NASA ZERO POWER REACTOR II. II - HETEROGENEOUS ARRAYS OF CYLINDRICAL VOIDS,
N66-33021 18L S04 19 HC$ 1.00 MF$ 0.50

FRADKIN, D. B.
MIXING AND HEAT TRANSFER OF AN ARGON ARCJET WITH A COAXIAL FLOW OF COLD HELIUM FINAL REPORT,
N66-37643 21C S04 23 HC$ 3.00 MF$ 0.75

FRAENKEL, B. S.
IDENTIFICATIONS OF SOLAR ULTRAVIOLET LINES RESULTING FROM A STUDY OF THE AR I AND K I ISOELECTRONIC SEQUENCES.
AD-641 444 3B T66 24

FRANKOVSKY, FRANK A.
STUDY OF EFFECT OF HIGH-INTENSITY PULSED NUCLEAR RADIATION ON ELECTRONIC PARTS AND MATERIALS (SCORRE),
AD-641 673 9E T66 24 HC$ 3.00 MF$ 0.75

FRANK, WILLIAM M.
EXCHANGE MAGNETIC MOMENT IN THREE-BODY NUCLEI (II),
AD-641 767 20M T66 24

EXCHANGE MAGNETIC MOMENT IN THREE-BODY NUCLEI (I),
AD-641 768 20M T66 24

FRANTSEVA, K. YE.
DETERMINATION OF THE SATURATED VAPOR PRESSURE OF NIOBIUM DIOXIDE,
N66-33679 20M S04 19 HC$ 1.00 MF$ 0.50

FRANZGROTE, E.
CHEMICAL ANALYSIS OF SURFACES USING ALPHA PARTICLES,
N66-33168 7D S04 19 HC$ 3.00 MF$ 0.75

FRAUENHOFFER, J.
A STUDY ON ELECTRODEPOSITION OF ORGANIC COATINGS FOR POSSIBLE MILITARY USAGE,
AD-641 314 11C T66 24 HC$ 2.00 MF$ 0.50

FREDERICK, S.
DUCTILITY LIMITATIONS OF ALUMINUM-SILICON ALLOYS,
N66-38791 11F S04 23 HC$ 2.00 MF$ 0.50

FREDRICKSON, TORGNY N.
ASSAY OF CARCINOGENICITY OF VARIOUS CHEMICALS. SUPPLEMENT I.
PB-173 466 6D U41 24 HC$ 3.00 MF$ 0.75

FREDRICKS, R. W.
SURVEY OF VLF ELECTRIC FIELDS IN THE MAGNETOSPHERE WITH THE POLAR ORBITING SPACECRAFT, 1964-45A,
N66-32722 4A S04 19 HC$ 2.50 MF$ 0.75

FREY, F. A.
METEORITIC, SOLAR, AND TERRESTRIAL RARE-EARTH DISTRIBUTION,
N66-34044 8D S04 19 HC$ 6.00 MF$ 1.50

FREY, J. I.
LIMITING STABLE CURRENTS IN BOUNDED ELECTRON AND ION STREAMS,
AD-641 709 9C T66 24

FRICHET, J.-P.
RESULTS AND INTERPRETATION OF SPECIAL INDICES MEASUREMENTS MADE WITH AQUILON,
N66-38120 18J S04 23 HC$ 3.00 MF$ 0.50

FRIEDERICHS, J.
FLUOR-PHOTODIODE GAMMA RAY DOSIMETER,
AD-641 913 18D T66 24 HC$ 4.00 MF$ 0.75

FRIEDLANDER, M. W.
AN APPARENTLY HIGH FLUX OF PRIMARY COSMIC-RAY GAMMA-PARTICLES AT 41 DEG N. MAG..
N66-32964 20H S04 19 HC$ 1.00 MF$ 0.50

FRIEDLAND, B.
STUDY OF QUASI-OPTIMUM FEEDBACK CONTROL TECHNIQUES,
N66-33458 17G S04 19 HC$ 3.00 MF$ 0.75

FRIEDMAN, MISCHA E.
INHIBITION OF STAPHYLOCOCCAL ENTEROTOXIN B FORMATION IN BROTH CULTURES,
AD-641 949 6M T66 24

INHIBITION OF PROTEIN SYNTHESIS BY SPERMINE IN GROWING CELLS OF STAPHYLOCOCCUS AUREUS,
AD-641 951 6M T66 24

FRIEDMAN, S. I.
A TIME-OF-FLIGHT ELECTRON VELOCITY SPECTROMETER,
AD-641 394 14B T66 24 HC$ 3.00 MF$ 0.50

FRITSCH, ALBERT J.
NUCLEAR MAGNETIC RESONANCE STUDY OF 2,3-QUINOXALINE DICARBOXALDEHYDE AND ITS CYCLIC MONOHYDRATE,
AD-641 740 7C T66 24

FRITZ, G.
STATUS AND SPECIAL PROBLEMS OF THE GERMAN CIVIL AVIATION. SPECIAL PROBLEMS OF THE INTERNATIONAL ECONOMIC COOPERATION IN THE AVIATION FIELD IN PARTICULAR RESPECT TO DEVELOPING NATIONS.
N66-34037 5C S04 19 HC$ 2.00 MF$ 0.50

FROLOV, V. V.
USE OF THE METHOD OF REMOVAL CROSS SECTION FOR THE COMPUTATION OF SHIELDING NOT CONTAINING HYDROGEN,
N66-33723 18F S04 19 HC$ 1.00 MF$ 0.50

FRYER, DOUGLAS H.
A GUIDE FOR DETERMINING TRAINING AID AND DEVICE REQUIREMENTS,
AD-641 912 5I T66 24 HC$ 2.00 MF$ 0.50

FUCHS, KARL
INVESTIGATIONS ON THE NONELASTIC BEHAVIOR OF THE UPPER MANTEL,
AD-641 312 8K T66 24 HC$ 3.00 MF$ 0.75

FUGITT, CHARLES H.
A RATE PROCESS THEORY OF THERMAL INJURY,
AD-212 668 6R U41 24 HC$ 3.60

FUHRMEISTER, W. F.
EXPERIMENTAL STUDY OF DYNAMIC EFFECTS OF CREW MOTION IN A MANNED ORBITAL RESEARCH LABORATORY (MORL).
N66-38756 5H S04 23 HC$ 3.25 MF$ 1.25

FULTON, JOHN D.
MICROORGANISMS OF THE UPPER ATMOSPHERE. IV. MICROORGANISMS OF A LAND AIR MASS AS IT TRAVERSES AN OCEAN,
AD-641 821 6M T66 24

MICROORGANISMS OF THE UPPER ATMOSPHERE. II. MICROORGANISMS IN TWO TYPES OF AIR MASSES AT 698 METERS OVER A CITY,
AD-641 823 6M T66 24

MICROORGANISMS OF THE UPPER ATMOSPHERE. I. INSTRUMENTATION FOR ISOKINETIC AIR SAMPLING AT ALTITUDE,
AD-641 825 6M T66 24

GABRIEL, W. F.
TANGENTIAL SENSITIVITY OF TUNNEL DIODE VIDEO DETECTORS.
N66-33421 9A S04 19 HC$ 1.00 MF$ 0.50

GABRINI, PHILIPPE J.
AUTOMATIC INTRODUCTION OF INFORMATION INTO A REMOTE-ACCESS SYSTEM - A PHYSICS LIBRARY CATALOG.
AD-641 564 5B T66 24 HC$ 3.00 MF$ 0.75

GAGNE, J. A.
CHARACTERIZATION OF TIME-VARYING HUMAN OPERATOR DYNAMICS,
N66-32959 5H S04 19 HC$ 3.00 MF$ 0.75

GAGNE, ROBERT M.
A STUDY OF TRANSFER IN A MOTOR TASK WITH VARYING DISPLAY-CONTROL RELATIONSHIPS,
AD-641 580 5I T66 24 HC$ 3.60 MF$ 0.50

TRANSFER OF TRAINING FROM PRACTICE ON COMPONENTS IN A MOTOR SKILL,
AD-641 581 5I T66 24 HC$ 6.60 MF$ 0.75

THE MEASUREMENT OF TRANSFER OF TRAINING,
AD-641 582 5I T66 24 HC$ 6.60 MF$ 0.75

TRANSFER OF DISCRIMINATION TO A MOTOR TASK,
AD-641 583 5I T66 24 HC$ 3.60 MF$ 0.50

TRANSFER TO A MOTOR SKILL FROM PRACTICE ON A PICTURED REPRESENTATION,
AD-641 584 5I T66 24 HC$ 2.00 MF$ 0.50

ON THE RELATION BETWEEN SIMILARITY AND TRANSFER OF TRAINING IN THE LEARNING OF DISCRIMINATIVE MOTOR TASKS.
AD-641 585 5I T66 24 HC$ 2.00 MF$ 0.50

TRANSFER OF TRAINING TO A MOTOR SKILL AS A FUNCTION OF VARIATION IN RATE OF RESPONSE.
AD-641 586 5I T66 24 HC$ 1.00 MF$ 0.50

TRANSFER OF TRAINING TO A MOTOR TASK IN RELATION TO STIMULUS SIMILARITY,
AD-641 587 5I T66 24 HC$ 3.60 MF$ 0.50

GAINER, T. J.
LOW-SPEED INVESTIGATION OF EFFECTS OF VERTICAL TAILS ON THE STATIC STABILITY CHARACTERISTICS OF A CANARD-BOMBER CONFIGURATION HAVING A VERY THIN WING AND A SLENDER ELLIPTICAL FUSELAGE.
N66-33336 1A S04 19 HC$ 1.00 MF$ 0.50

GAITO, JOHN
MOLECULAR NEUROCHEMISTRY OF THE BRAIN DURING CONDITIONED AVOIDANCE BEHAVIOR,
AD-641 615 5J T66 24 HC$ 2.00 MF$ 0.50

GALANOVA, Z. S.
RADIATIVE HEAT TRANSFER NEAR THE STAGNATION POINT OF A BLUNT BODY.
N66-33702 20H S04 19 HC$ 1.00 MF$ 0.50

GAMBUCCI, B. J.
EFFECTS OF BOUNDARY-LAYER SUCTION AND SPOILERS ON TRANSONIC FLUTTER DERIVATIVES FOR A MIDSPAN CONTROL SURFACE ON AN UPSWEPT WING.
N66-33315 1D S04 19 HC$ 2.00 MF$ 0.50

EFFECTS OF MODIFICATIONS TO A CONTROL SURFACE ON A 6-PERCENT THICK UNSWEPT WING ON THE TRANSONIC CONTROL-SURFACE FLUTTER DERIVATIVES.
N66-33343 1A S04 19 HC$ 2.50 MF$ 0.75

GARCIA-MOLINER, F.
LINEAR RESPONSE FUNCTIONS AND THE PHENOMENOLOGICAL EQUATIONS OF INTERNAL FRICTION.
AD-641 535 20K T66 24

GARCIA, R.
CAVITATION DAMAGE AND CORRELATIONS WITH MATERIAL AND FLUID PROPERTIES,
PB-173 464 20D U41 24 HC$ 3.00 MF$ 0.50

GARDNER, W. E.
PRESSURE DEPENDENCE OF THE SUPERCONDUCTING TRANSITION TEMPERATURE OF URANIUM,
AD-641 803 20C T66 24

PRESSURE DEPENDENCE OF THE SUPERCONDUCTING TRANSITION TEMPERATURE OF VANADIUM AND NIOBIUM,
AD-641 812 20C T66 24

GARMIRE, E.
A NEW CLASS OF TRAPPED LIGHT FILAMENTS.
N66-33863 20E S04 19 HC$ 1.00 MF$ 0.50

GARNER, W. R.
SOME DESIGN FACTORS AFFECTING THE SPEED OF IDENTIFICATION OF RANGE RINGS ON POLAR COORDINATE DISPLAYS,
AD-50 619 5E U41 24 HC$ 2.60

GARRAHAN, N. M.
LOW POWER NANOSECOND PULSE AND LOGIC CIRCUITS USING TUNNEL DIODES.
N66-33967 9A S04 19 HC$ 1.00 MF$ 0.50

GARWACKI, W.
NEW SOLID-STATE DEVICE CONCEPTS,
AD-641 456 9A T66 24 HC$ 3.00 MF$ 0.50

GATES, CHARLES A.
EXPERIMENTAL AND THEORETICAL INVESTIGATION OF THE FLUTTER CHARACTERISTICS OF A MODEL HELLICOPTER ROTOR BLADE IN FORWARD FLIGHT,
AD-279 107 1A U41 24 HC$ 7.60

GATES, W. L.
A NUMERICAL STUDY OF THE WIND-DRIVEN TRANSIENT CIRCULATION IN A HOMOGENEOUS OCEAN,
AD-641 338 8C T66 24 HC$ 3.00 MF$ 0.75

GATTO, L.
DISINTEGRATION OF SN113,
AD-641 746 18H T66 24 HC$ 2.00 MF$ 0.50

GAYHART, E. L.
THE DETERMINATION OF FLAME SPEED OF PENTABORANE-OXYGEN-NITROGEN MIXTURES,
AD-641 503 21B T66 24 HC$ 2.00 MF$ 0.50

GAZE, MICHAEL J. F.
THIN FILMS FORMED BY ELECTROCHEMICAL REACTIONS.
AD-641 613 9A T66 24 HC$ 3.00 MF$ 0.50

GEBALLE, T. H.
SUPERCONDUCTIVITY OF BARIUM TUNGSTEN BRONZE,
AD-641 789 20C T66 24

THE OCCURRENCE OF SUPERCONDUCTIVITY IN SULFIDES, SELENIDES, TELLURIDES OF PT-GROUP METALS.
AD-641 793 20C T66 24

SUPERCONDUCTIVITY OF BETA-URANIUM,
AD-641 801 20C T66 24

GEIB, D.
DETERMINATION OF THE INDIGENOUS MICROFLORA OF MEN IN CONTROLLED ENVIRONMENTS FINAL REPORT, JUL. 1964 - NOV. 1965.
N66-38192 6M S04 23 HC$ 7.00 MF$ 2.00

GEISELHART, RICHARD
THE EFFECT OF PRIOR EXPERIENCE ON ACQUIRING SKILL ON A SIMULATED INERTIAL CONTROL TASK,
AD-641 389 5I T66 24 HC$ 2.00 MF$ 0.50

GEISSLER, E. D.
AERODYNAMICS RESEARCH AT MSFC.
N66-38487 1A S04 23 HC$ 2.00 MF$ 0.50

GEORGE, JAMES K.
PRODUCTION ENGINEERING MEASURE FOR INSULATED GATE FIELD EFFECT TRANSISTORS.
AD-641 401 9A T66 24 HC$ 3.00 MF$ 0.75

GEORGE, J. A.
ANALYSIS OF ARGUS/EXPLORER IV RECORDS.
AD-463 248 18C U41 24 HC$ 4.00

GERHART, F. JAMES
ANALYSIS OF BORANES AND CARBORANES BY MASS SPECTROMETRY.
AD-641 578 7B T66 24 HC$ 2.00 MF$ 0.50

GERHOLM, TOR RAGNAR
CORRELATIONS DIRECTIONNELLES ELECTRON-GAMMA (ELECTRON-GAMMA DIRECTIONAL CORRELATIONS).
PB-173 401 20H U41 24 HC$ 3.00 MF$ 0.75

GERICKE, OTTO R.
EXPERIMENTAL DETERMINATION OF ULTRASONIC TRANSDUCER FREQUENCY RESPONSE.
AD-641 931 20A T66 24 HC$ 1.00 MF$ 0.50

GERLACH, R. L.
KIKUCHI EFFECTS FROM LOW-ENERGY ELECTRONS IN NICKEL,
AD-641 546 20B T66 24

GERSCHENFELD, H. M.
IONIC MECHANISM ASSOCIATED WITH NONCHOLINERGIC SYNAPTIC INHIBITION IN MOLLUSCAN NEURONS.
AD-641 885 6P T66 24

GERSHBERG, D.
DEVELOPMENT OF HIGH-PERFORMANCE LIGHT-WEIGHT ELECTRODES FOR HYDROGEN-OXYGEN FUEL CELLS FOURTH QUARTERLY REPORT, 6 JAN. - 5 APR. 1966.
N66-38490 10A S04 23 HC$ 2.50 MF$ 0.50

GERTSMA, L. W.
PRELIMINARY INVESTIGATION OF OFF-DESIGN PERFORMANCE OF DIVERGENT-EJECTOR-TYPE ROCKET NOZZLES.

N66-33346 21H S04 19 HC$ 2.00 MF$ 0.50

GIANNETTA, C. L.
STUDY OF MAN DURING A 56-DAY EXPOSURE TO AN OXYGEN-HELIUM ATMOSPHERE AT 258 MM. HG TOTAL PRESSURE. III. RENAL RESPONSE.
AD-641 818 6S T66 24

GIBBONS, M. G.
TRANSMISSIVITY OF THE ATMOSPHERE FOR THERMAL RADIATION FROM NUCLEAR WEAPONS.
AD-641 481 18C T66 24 HC$ 2.00 MF$ 0.50

GIBB, J. M.
EXPERIMENTAL PERFORMANCE OF A HYDROGEN- FLUORINE ROCKET ENGINE AT SEVERAL CHAMBER PRESSURES AND EXHAUST-NOZZLE EXPANSION AREA RATIOS.
N66-33348 21H S04 19 HC$ 2.00 MF$ 0.50

GIBSON, F. W.
FLUTTER INVESTIGATION AT A MACH NUMBER OF 7.2 OF MODELS OF THE HORIZONTAL-TAIL AND VERTICAL- TAIL SURFACES OF THE X-15 AIRPLANE.
N66-33350 20K S04 19 HC$ 2.00 MF$ 0.50

GIBSON, JAMES B.
CHINESE LIVER FLUKE--CLONORCHIS SINENSIS--ITS OCCURRENCE IN HONG KONG.
AD-641 882 6E T66 24

GIESE, J. H.
TABLES OF SUPERSONIC FLOWS ABOUT CONE CYLINDERS. PART II. COMPLETE FLOWS.
AD-641 349 20D T66 24 HC$ 25.20 MF$ 1.25

GIESSLER, F. JOSEPH
A STRUCTURAL FLIGHT LOADS RECORDING PROGRAM ON CIVIL TRANSPORT HELICOPTERS.
AD-641 677 1C T66 24 HC$ 4.00 MF$ 0.75

GIJSMAN, H. M.
MAGNETIC AND CALORIC PROPERTIES OF K3MOCL6.
AD-641 549 20L T66 24

GILBERT, A.
INVESTIGATION OF MECHANICAL PROPERTIES OF CHROMIUM, CHROMIUM RHENIUM, AND DERIVED ALLOYS TWENTY-THIRD QUARTERLY PROGRESS REPORT, OCT. 1, 1965 - MAR. 31, 1966.
N66-33432 11F S04 19 HC$ 1.00 MF$ 0.50

GILBERT, R. P.
A NEW METHOD IN THE THEORY OF POTENTIAL SCATTERING.
AD-641 722 20J T66 24

A GENERALIZED GOURSAT PROBLEM FOR ELLIPTIC EQUATIONS.
AD-641 724 12A T66 24

GILBREATHE, W. P.
THE VAPOR PRESSURE OF MAGNESIUM BETWEEN 223 DEG AND 385 DEG C.
N66-33423 20M S04 19 HC$ 1.00 MF$ 0.50

GILLIES, J.
IRRADIATION DAMAGE IN MILD STEEL. A COMPARISON OF CRACK ARREST TEST AND CHARPY CRITERIA AND THE INFLUENCE OF NEUTRON SPECTRUM.
N66-37780 18H S04 23 HC$ 2.00 MF$ 0.50

GILLIS, J. E.
GENERAL-PURPOSE I/O CHANNEL AND INTERFACE FOR HAYSTACK 490 COMPUTER.
AD-641 640 17I T66 24 HC$ 2.00 MF$ 0.50

GILLMORE, J. D.
SPECIFIC AND NONSPECIFIC PASSIVE IMMUNITY IN INFANT RABBIT CHOLERA.
AD-642 003 6E T66 24

GILL, ARTHUR
ON THE BOUND TO THE MEMORY OF A SEQUENTIAL MACHINE.
AD-641 808 9B T66 24

GILTROW, J. P.
FACTORS AFFECTING THE ENDURANCE OF RUBBED LUBRICANT FILMS OF LAMELLAR SOLIDS.
AD-641 307 11H T66 24 HC$ 1.00 MF$ 0.50

GIRIAT, W.
PHOTOVOLTAIC EFFECT AND UTILIZATION OF PHOTOVOLTAIC CELLS - EFFECT OF SUB-THRESHOLD ELECTRON RADIATION ON SURFACE PROPERTIES OF GE P-V CELLS SECOND SEMIANNUAL REPORT, 1 NOV. 1965 - 31 MAY 1966.
N66-33388 10A S04 19 HC$ 2.00 MF$ 0.50

GIRON, DAVID J.
VIRAL ANTIBODY PRODUCTION IN ANIMALS EXPOSED TO A SPACE CABIN ENVIRONMENT.
AD-641 966 6S T66 24 HC$ 1.00 MF$ 0.50

GLACKIN, J. J.
EVALUATION OF FASTENERS AND FASTENER MATERIALS FOR SPACE VEHICLES FINAL REPORT, NOV. 1963 - NOV. 1965.
N66-38104 13E S04 23 HC$ 7.85 MF$ 2.50

GLASHOW, S. L.
MODEL OF WEAK INTERACTIONS WITH CP VIOLATION.
AD-641 451 20J T66 24

GLASSER, M. L.
EVALUATION OF SOME TRANSPORT INTEGRALS.
AD-641 678 20J T66 24

GLASS, ALFRED L.
A RADIOCHEMICAL INVESTIGATION OF THE MECHANISM OF FORMATION OF CYANIDE FILMS ON STEEL COMPONENTS IN ALKALI-CYANIDE ELECTROPLATING BATHS.
AD-641 663 7D T66 24 HC$ 3.00 MF$ 0.50

GLASS, A. L.
A RADIOCHEMICAL INVESTIGATION OF THE MECHANISM OF FORMATION OF CYANIDE FILMS ON STEEL COMPONENTS IN ALKALI-CYANIDE ELECTROPLATING BATHS.
AD-641 662 11F T66 24 HC$ 2.00 MF$ 0.50

GLATTE, HAYDEN V.
THE STUDY OF MAN DURING A 56-DAY EXPOSURE TO AN OXYGEN-HELIUM ATMOSPHERE AT 258 MM. HG. TOTAL PRESSURE. XII. CLINICAL OBSERVATIONS.
AD-641 953 6S T66 24

GLATTE, H. V.
STUDY OF MAN DURING A 56-DAY EXPOSURE TO AN OXYGEN-HELIUM ATMOSPHERE AT 258 MM. HG TOTAL PRESSURE. III. RENAL RESPONSE.
AD-641 818 6S T66 24

GLEYZAL, ANDRE
COMPLEX RELATIVITY THEORY AND WAVE MECHANICS, (IA).
AD-641 908 20J T66 24 HC$ 2.00 MF$ 0.50

GLORIA, H. R.
AERODYNAMIC PERFORMANCE AND STATIC STABILITY AND CONTROL OF FLAT-TOP HYPERSONIC GLIDERS AT MACH NUMBERS FROM 0.6 TO 10.
N66-33311 1D S04 19 HC$ 3.00 MF$ 0.75

ADDITIONAL EXPERIMENTS WITH FLAT-TOP WING- BODY COMBINATIONS AT HIGH SUPERSONIC SPEEDS.
N66-33312 1A S04 19 HC$ 3.00 MF$ 0.50

GLOVER, L. L.
DESIGN, DEVELOPMENT AND DELIVERY OF ONE (1) BREADBOARD AND THREE (3) PRODUCTION UNITS OF A 75 VA INTEGRATED STATIC INVERTER MONTHLY PROGRESS REPORT NO. 11, MAR. 1966.
N66-32756 9A S04 19 HC$ 1.00 MF$ 0.50

GLUSHNEVA, I. N.
RELATIONSHIP OF THE ALBEDO OF VENUS TO WAVELENGTH IN THE ULTRAVIOLET BAND OF THE SPECTRUM.
N66-33978 3B S04 19 HC$ 1.00 MF$ 0.50

GODFREY, C. S.
THE DEVELOPMENT OF AN EXPLOSIVELY DRIVEN HYPERVELOCITY GAS GUN FINAL REPORT.
N66-32788 14B S04 19 HC$ 2.50 MF$ 0.75

GOERKE, V. H.
INFRASONIC OBSERVATION OF A SEVERE WEATHER SYSTEM.
AD-641 837 4B T66 24

GOETZ, G.
MESOMETEOROLOGY AND THE POSSIBILITIES OF FORECASTING LOCAL WEATHER.
N66-38715 4B S04 23 HC$ 1.00 MF$ 0.50

GOFFARD, S. JAMES
A STUDY OF CATEGORY IV PERSONNEL IN BASIC TRAINING.
AD-481 737 5I U41 24 HC$ 2.00 MF$ 0.50

GOGEL, WALTER C.
PROBLEMS IN DEPTH PERCEPTIONS EQUIDISTANCE JUDGMENTS IN THE VICINITY OF A BINOCULAR ILLUSION.
AD-641 476 5J T66 24 HC$ 1.00 MF$ 0.50

PROBLEMS IN DEPTH PERCEPTION PERCEIVED SIZE AND DISTANCE OF FAMILIAR OBJECTS.
AD-641 477 5J T66 24 HC$ 1.00 MF$ 0.50

GOKEY, PATRICK C.
COMPOUNDS TO CHANGE COLOR WITH ENVIRONMENTAL CHANGE.
AD-453 658 15G U41 24 HC$ 2.00

GOLDBERG, M.
FAILURE MECHANISMS IN RESISTORS.
AD-641 858 9A T66 24 HC$ 4.00 MF$ 0.75

GOLDBERG, T. J.
PRESSURE DISTRIBUTIONS ON A FLAT-PLATE DELTA WING SWEPT 65 DEG AT A MACH NUMBER OF 5.97 AT ANGLES OF ATTACK FROM 69 DEG TO 115 DEG AND ANGLES OF ROLL FROM 0 DEG TO 25 DEG AT A 90 DEG ANGLE OF ATTACK.
N66-33327 1A S04 19 HC$ 2.00 MF$ 0.50

GOLDGRABEN, J. R.
RESEARCH AND STUDY OF ANALYTICAL TECHNIQUES FOR PREDICTING RELIABILITY OF FLIGHT-CONTROL SYSTEMS.
AD-449 419 1D U41 24 HC$ 23.50

GOLDSTEIN, HYMON
SYMBOLS VIA LEARNING SET.
AD-641 478 5J T66 24

GOLDSTEIN, RICHARD M.
RADAR DOPPLER SPECTROSCOPY OF MARS. I. ELEVATION DIFFERENCES BETWEEN BRIGHT AND DARK AREAS.
PB-173 443 3B U41 24 HC$ 3.00 MF$ 0.75

GOLD, E. M.
THE TWO TRANSFORMER METHOD FOR ELECTRODELESS CONDUCTIVITY MEASUREMENTS.
AD-461 769 20I U41 24 HC$ 9.60

GOLD, P. I.

CHEMICAL SPECIES AND CHEMICAL REACTIONS OF IMPORTANCE IN NONEQUILIBRIUM PERFORMANCE CALCULATIONS.
N66-33714 21B S04 19 HC$ 2.00 MF$ 0.50

GOLOMB, DAN
DIFFUSION COEFFICIENTS IN THE UPPER ATMOSPHERE FROM CHEMILUMINOUS TRAILS.
AD-641 351 4A T66 24

GOLUBTSOV, I. V.
THE PROBLEM OF THE VOLATILITY OF NIOBIUM OXIDES.
N66-33681 7D S04 19 HC$ 1.00 MF$ 0.50

GOMPF, J. E.
BASIC SURVIVAL PROBABILITY EXPRESSIONS FOR AIR COMBAT MODELS.
AD-224 572 15G U41 24 HC$ 1.10

GOODALE, P. L.
AN IBM 7090 SIX DEGREES OF FREEDOM RIGID BODY TRAJECTORY PROGRAM.
PB-173 471 19D U41 24 HC$ 4.60 MF$ 0.50

GOODWIN, BRUCE E.
ON THE REALIZATION OF THE EIGENVALUES OF INTEGRAL EQUATIONS WHOSE KERNELS ARE ENTIRE OR MEROMORPHIC IN THE EIGENVALUE PARAMETER.
AD-641 445 12A T66 24

GORDON, JOHN E.
TRANSITION ENERGIES FOR A MEROCYANINE DYE IN AQUEOUS ELECTROLYTE SOLUTIONS. SOLVENT POLARITY INDICATOR TRANSITION ENERGY-INTERNAL PRESSURE RELATIONS.
AD-641 743 7D T66 24

GORDON, M.
PHOSPHONIC ACIDS AND ESTERS. XV. PREPARATION AND PROTON MAGNETIC RESONANCE SPECTRA OF THE DIETHYL ALPHA- AND BETA-CHLOROVINYLPHOSPHONATES,
AD-641 731 7C T66 24

GOTKIS, S.
THE SUBSTITUTION OF A SEMI-INFINITE, HOMOGENEOUS DIELECTRIC MEDIUM FOR A PLASMA SLAB.
N66-34043 20I S04 19 HC$ 3.00 MF$ 0.75

GOURISSE, DANIEL
CINETIQUE DES REACTIONS D OXYDO-REDUCTION DES ELEMENTS TRANSURANIENS EN SOLUTION (KINETICS OF TRANSURANIUM ELEMENT OXIDATION-REDUCTION REACTIONS IN SOLUTION).
PB-173 387 7E U41 24 HC$ 3.00 MF$ 0.75

MECANISME D EXTRACTION DE L ACIDE NITRIQUE ET DE L EAU PAR LES SOLUTIONS ORGANIQUES D ALCOYLAMINES TERTIAIRES (MECHANISM OF THE EXTRACTION OF NITRIC ACID AND WATER BY ORGANIC SOLUTIONS OF TERTIARY ALKYLAMINES).
PB-173 396 7D U41 24 HC$ 3.00 MF$ 0.75

GOWEN JR, E. F.
EVALUATION OF FASTENERS AND FASTENER MATERIALS FOR SPACE VEHICLES FINAL REPORT, NOV. 1963 - NOV. 1965.
N66-38104 13E S04 23 HC$ 7.85 MF$ 2.50

GRABOSKE, H.
LUNAR SIMULATION MODEL AND OPTICAL STUDIES FOR LUNAR ORBITER SYSTEM SUPPORT.
N66-38493 14B S04 23 HC$ 2.50 MF$ 0.75

GRAF, E. R.
EVALUATION OF DATA OBTAINED FROM A 35 G HZ PROPAGATION EXPERIMENT TECHNICAL REPORT NO. 7.
N66-33443 4A S04 19 HC$ 1.00 MF$ 0.50

GRANTHAM, C.
A SYSTEM FOR INERTIAL EXPERIMENT POINTING AND ATTITUDE CONTROL.
N66-32957 17G S04 19 HC$ 2.50 MF$ 0.75

GRAYSTON, J. THOMAS
STUDIES OF INFECTIOUS DISEASES OF TAIWAN.
AD-641 987 6E T66 24 HC$ 1.00 MF$ 0.50

GRAY, EDWARD J.
NAVY RECOGNITION TRAINING.
AD-641 879 5I T66 24 HC$ 7.60 MF$ 0.75

GREENBERG, O. W.
EQUIVALENCE OF LOCALITY AND PARALOCALITY IN FREE PARAFIELD THEORY,
AD-641 627 20J T66 24

GREENE, N. D.
WHOLE ORGAN FREEZING AND THAWING HEAT TRANSFER AND THERMAL PROPERTIES.
AD-641 908 6E T66 24 HC$ 1.00 MF$ 0.50

GREEN, JOSEPH
DIELECTRIC MATERIALS FOR HIGH TEMPERATURE APPLICATION.
AD-338 297 11G U41 24 HC$ 2.60

GREEN, L. C.
OSCILLATOR STRENGTHS AND HIGH ACCURACY WAVE FUNCTIONS FOR NEUTRAL HELIUM.
N66-33385 20J S04 19 HC$ 1.00 MF$ 0.50

GREEN, RUSSEL F.
ACCURACY OF SETTING CONTROL KNOBS AS FUNCTIONS OF DIRECTIONS OF FINAL MOVEMENT AND NUMBER OF SETTINGS,
AD-109 237 5E U41 24 HC$ 1.10

GREEN, R. F.
THE EFFECTS OF INERTIA ON THE ACCURACY OF KNOB SETTINGS,
AD-109 235 5E U41 24 HC$ 1.10

THE EFFECTS OF FRICTION ON THE ACCURACY OF KNOB SETTINGS,
AD-109 236 5E U41 24 HC$ 1.10

TRANSFER EFFECTS IN FOLLOWING TRACKING RESULTING FROM REVERSAL OF THE DISPLAY-CONTROL RELATIONSHIP ON ALTERNATE BLOCKS OF TRIALS,
AD-51 494 5E U41 24 HC$ 1.10

GREGORY, D. T.
AN EXPLORATORY INVESTIGATION OF A TRANSPORT CONFIGURATION DESIGNED FOR SUPERSONIC CRUISE FLIGHT NEAR A MACH NUMBER OF 3,
N66-33347 1A S04 19 HC$ 2.00 MF$ 0.50

GREGOR, H. P.
THERMALLY REGENERABLE CARBON DIOXIDE ABSORBENT SYSTEM FINAL REPORT, 1 MAY 1964 - 31 JAN. 1966.
N66-33499 7A S04 19 HC$ 3.75 MF$ 1.50

GRESHAM, S. C.
THE SLEEP OF DEPRESSED PATIENTS,
AD-641 525 6P T66 24

GREY, J.
MIXING AND HEAT TRANSFER OF AN ARGON ARCJET WITH A COAXIAL FLOW OF COLD HELIUM FINAL REPORT.
N66-37643 21C S04 23 HC$ 3.00 MF$ 0.75

GRIEGER, PHILIP F.
AUXILIARY ELECTRODE FOR CHARGE CONTROL OF SEALED NICKEL-CADMIUM BATTERIES.
AD-456 849 10C U41 24 HC$ 9.60

AD-458 044 10C U41 24 HC$ 3.00

GRIFFIN, ALLAN
EFFECT OF THE SUHL-ABRIKOSOV RESONANCE ON THE TRANSITION TEMPERATURE OF SUPERCONDUCTORS,
AD-641 779 20C T66 24

ENTROPY TRANSPORT BETWEEN TWO SUPERCONDUCTORS BY ELECTRON TUNNELING.
AD-641 761 20C T66 24

GRIFFIN, A.
DEPAIRING EFFECTS IN ROTATING SUPERCONDUCTORS,
AD-641 778 20C T66 24

GRIFFIN, C. E.
PHOSPHONIC ACIDS AND ESTERS. XV. PREPARATION AND PROTON MAGNETIC RESONANCE SPECTRA OF THE DIETHYL ALPHA- AND BETA-CHLOROVINYLPHOSPHONATES,
AD-641 731 7C T66 24

GRIFFIN, W. S.
DESIGN OF A FLUID JET AMPLIFIER WITH REDUCED RECEIVER-INTERACTION-REGION COUPLING.
N66-37679 13G S04 23 HC$ 2.00 MF$ 0.50

GRINAUD, J. E.
WIND-TUNNEL INVESTIGATION AT A MACH NUMBER OF 2.91 OF STABILITY AND CONTROL CHARACTERISTICS OF THREE LIFTING REENTRY CONFIGURATIONS AT ANGLES OF ATTACK UP TO 90 DEGREES.
N66-33306 1A S04 19 HC$ 2.00 MF$ 0.50

GROENEKAMP, WILLIAM A.
THE WAGE SURVEY AS A MANAGERIAL TOOL,
AD-641 955 5A T66 24 HC$ 1.00 MF$ 0.50

GROFF, WILLIAM A.
A MULTICHANNEL ANALYTICAL SYSTEM FOR CONTINUOUS MONITORING OF BLOOD CHOLINESTERASE.
AD-641 972 6A T66 24 HC$ 1.00 MF$ 0.50

GRONER, G. F.
STATISTICAL ANALYSIS OF ADAPTIVE LINEAR CLASSIFIERS,
AD-443 844 6D U41 24 HC$ 10.60

GROSS, LEONARD D.
AUTOMATING A HOSPITAL INFORMATION SYSTEM,
PB-173 474 6E U41 24 HC$ 1.60 MF$ 0.50

GROVES, G. W.
THE FRACTURE TOUGHNESS OF IMPURE MGO CRYSTALS.
AD-641 657 11B T66 24 HC$ 2.00 MF$ 0.50

GRUBE, K. R.
DEVELOPMENT OF PRACTICE FOR COMPOSITE ROLLING OF STRUCTURAL METAL PANELS.
AD-641 408 13H T66 24 HC$ 3.00 MF$ 0.75

GRYVNAK, DAVID A.
INFRARED RADIATION EMITTED BY HOT GASES AND ITS TRANSMISSION THROUGH SYNTHETIC ATMOSPHERES.
AD-296 016 20F U41 24 HC$ 9.60

GUERNSEY, F. W.
PROPERTIES AND UTILIZATION OF LODGEPOLE PINE IN WESTERN CANADA,
PB-173 469 11L U41 24 HC$ 2.60 MF$ 0.50

GUGGENHEIMER, HEINRICH W.
PSEUDO-MINKOWSKI DIFFERENTIAL GEOMETRY,
AD-641 884 12A T66 24

GUGGENHEIMER, H.
FINITE SETS ON CURVES AND SURFACES,
AD-641 883 12A T66 24

GUNTHER, H.
THE PROTON MAGNETIC RESONANCE SPECTRA OF OLEFINS, V. 3-CHLORO- AND 3-METHOXYPROPENES.
AD-641 462 7C T66 24

GUROVSKIY, V. N.
AN IMPORTANT STEP IN SPACE MEDICINE, SOME RESULTS OF THE EXPERIMENT ON THE COSMOS 110 SATELLITE.
N66-33725 6S S04 19 HC$ 1.00 MF$ 0.50

GURTOV, MEL
TAIWAN IN 1966,
AD-641 665 5D T66 24 HC$ 1.00 MF$ 0.50

GUTIERREZ, J. A.
COMPARISON OF CALCULATED AND MEASURED CHARACTERISTICS OF HORIZONTAL MULTITUBE HEAT EXCHANGER WITH STEAM CONDENSING INSIDE TUBES.
N66-38418 10B S04 23 HC$ 2.00 MF$ 0.50

HAACKER, J. F.
PRELIMINARY EVALUATION OF A NUMBER OF ABLATIVE HEAT-SHIELD MATERIALS EXPOSED TO COMBINED RADIATIVE AND CONVECTIVE HEATING.
N66-33307 20H S04 19 HC$ 3.00 MF$ 0.75

HAAS, T. E.
TEMPERATURE DEPENDENCE OF CHLORINE NQR FREQUENCIES AND PI BONDING.
AD-641 544 7D T66 24

HABIB, E. J.
TELEMETRY PROCESSING FOR NASA SCIENTIFIC SATELLITES.
N66-33013 9F S04 19 HC$ 1.00 MF$ 0.50

HADIDIAN, ZAREH
TOXICOLOGIC EVALUATION OF ABBOTT CRYSTALLINE ANTIBIOTIC NSC-51954 (CLINICAL FORMULATION),
PB-173 462 6D U41 24 HC$ 1.00 MF$ 0.50

ASSAY OF CARCINOGENICITY OF VARIOUS CHEMICALS, SUPPLEMENT I.
PB-173 466 6D U41 24 HC$ 3.00 MF$ 0.75

HAERENDEL, G.
AMBIPOLAR DIFFUSION OF A PLASMA CLOUD IN A MAGNETIC FIELD.
N66-38342 20I S04 23 HC$ 2.00 MF$ 0.50

MOTION OF ARTIFICIAL ION CLOUDS IN THE UPPER ATMOSPHERE,
N66-38343 4A S04 23 HC$ 2.00 MF$ 0.50

HAHN, L. A.
DESIGN, DEVELOPMENT AND DELIVERY OF ONE (1) BREADBOARD AND THREE (3) PRODUCTION UNITS OF A 75 VA INTEGRATED STATIC INVERTER MONTHLY PROGRESS REPORT NO. 11, MAR. 1966.
N66-32756 9A S04 19 HC$ 1.00 MF$ 0.50

HAKEWESSELL, D. B.
FEASIBILITY STUDY FOR AN X-RAY BACKSCATTER FREE AIR DENSITY SENSOR.
N66-38688 14B S04 23 HC$ 3.00 MF$ 1.00

HAKE, R. B.
AN APPLICATION OF HIRSCHFELDER- SILBEY PERTURBATION THEORY TO THE H2 PLUS ION.
N66-37904 7D S04 23 HC$ 1.00 MF$ 0.50

HALE, R. H.
ANALYSIS OF THE VISCO SEAL, PART II - THE CONCENTRIC TURBULENT CASE.
N66-32803 13K S04 19 HC$ 2.50 MF$ 0.75

HALL, JAMES T.
SPECTRAL TRANSMISSIVITY OF THE EARTH S ATMOSPHERE IN THE 250 TO 500 WAVE NUMBER INTERVAL. PART IV (FINAL). A THEORETICAL COMPUTATION FOR PURE ROTATIONAL ABSORPTION,
AD-641 696 4A T66 24 HC$ 3.00 MF$ 0.75

FOCAL PROPERTIES OF A PLANE GRATING IN A CONVERGENT BEAM,
AD-641 815 20F T66 24 HC$ 2.00 MF$ 0.50

HALL, JOHN K.
BOTTOM REVERBERATION IN THE NORTH ATLANTIC OCEAN AND EASTERN MEDITERRANEAN SEA.
AD-641 334 8J T66 24 HC$ 3.00 MF$ 0.50

HALL, R. B.
NEW SOLID-STATE DEVICE CONCEPTS,
AD-641 456 9A T66 24 HC$ 3.00 MF$ 0.50

MULTILAYER OHMIC CONTACTS ON CD S.
N66-38275 9A S04 23 HC$ 1.00 MF$ 0.50

HAMANN, C.
ORGANIC SEMICONDUCTORS.
N66-33683 20L S04 19 HC$ 2.50 MF$ 0.75

HAMILTON, M. A.
UNLIMITED SIMULTANEOUS DISCRIMINATION INTERVALS IN REGRESSION TECHNICAL REPORT NO, 98.
N66-33401 12A S04 19 HC$ 2.00 MF$ 0.50

HAMMITT, F. G.
CAVITATION DAMAGE AND CORRELATIONS WITH MATERIAL AND FLUID PROPERTIES,
PB-173 464 20D U41 24 HC$ 3.00 MF$ 0.50

HAMMOND, WILLIAM
FINAL TECHNICAL REPORT, JULY 1, 1965 TO JUNE 30, 1966.
AD-641 853 12A T66 24 HC$ 1.00 MF$ 0.50

HAND, F. R.
FAILURE MECHANISMS IN RESISTORS,
AD-641 858 9A T66 24 HC$ 4.00 MF$ 0.75

HAND, P. J.
RANGER BLOCK III ATTITUDE CONTROL SYSTEM - MANUFACTURING, TESTING, AND PERFORMANCE.
N66-38501 22B S04 23 HC$ 3.00 MF$ 0.75

HAND, R. B.
POTASSIUM CORROSION TEST LOOP DEVELOPMENT - PURIFICATION, ANALYSIS AND HANDLING OF SODIUM AND POTASSIUM TOPICAL REPORT NO. 4.
N66-38725 14B S04 23 HC$ 5.00 MF$ 1.25

HANNY, J. F.
CHEMICAL RIGIDIZATION OF EXPANDABLE STRUCTURES.
AD-484 442 13M U41 24 HC$ 4.00 MF$ 0.75

HANSEN, FRANK V.
THE RICHARDSON NUMBER IN THE PLANETARY BOUNDARY LAYER,
AD-641 560 4B T66 24 HC$ 2.00 MF$ 0.50

WIND AND TEMPERATURE DATA FOR THE FIRST 62 METERS OF THE BOUNDARY LAYER AT WHITE SANDS MISSILE RANGE.
AD-641 579 4B T66 24 HC$ 2.00 MF$ 0.50

HANSON, P. W.
EXPERIMENTALLY DETERMINED EFFECTS OF VARYING PITCH AND CONTROL STIFFNESSES ON THE FLUTTER CHARACTERISTICS AT SUPERSONIC SPEEDS OF ALL- MOVABLE WING AND TAIL MODELS.
N66-34084 1D S04 19 HC$ 2.00 MF$ 0.50

HAO, F.
ALTERNATING FIELD DEMAGNETIZATION STUDY ON LOWER SINIAN SANDSTONES IN XIUNING HSIUNING DISTRICT, ANHUI ANHWEI PROVINCE.
N66-38177 8E S04 23 HC$ 1.00 MF$ 0.50

HARADA, Y.
GRAPHITE-METAL COMPOSITES FINAL REPORT, 1 AUG. 1965 - 31 JUL. 1966.
N66-34066 13M S04 19 HC$ 4.00 MF$ 0.75

HARANG, OVE
ALO RESONANT SPECTRUM FOR UPPER ATMOSPHERE TEMPERATURE DETERMINATION.
AD-641 359 4A T66 24 HC$ 2.00 MF$ 0.50

HARARI, OVADIA
EXPERIMENTAL AND THEORETICAL STUDIES ON BUCKLING OF CONICAL AND CYLINDRICAL SHELLS UNDER COMBINED LOADING.
AD-641 971 20K T66 24 HC$ 5.00 MF$ 1.00

HARGREAVES, J. J.
STUDY OF MAN DURING A 56-DAY EXPOSURE TO AN OXYGEN-HELIUM ATMOSPHERE AT 258 MM. HG TOTAL PRESSURE. I. INTRODUCTION AND GENERAL EXPERIMENTAL DESIGN,
AD-641 820 6S T66 24

HARNEY, DONALD JAMES
AN AERODYNAMIC STUDY OF THE ELECTRIC WIND ,
AD-134 488 20I U41 24 HC$ 4.00

HARPER, CHARLES R.
PROTECTING THE AG PILOT,
AD-641 478 1B T66 24 HC$ 1.00 MF$ 0.50

HARRACH, ROBERT J.
ON THE NATURAL SHIFT OF A RESONANCE FREQUENCY,
NBS-TN-346 7D U41 24 HC$ 0.25 MF$ 0.50

HARRIS JR, R. V.
A NUMERICAL TECHNIQUE FOR ANALYSIS OF WAVE DRAG AT LIFTING CONDITIONS.
N66-38407 1A S04 23 HC$ 1.00 MF$ 0.50

HARRISON, MICHAEL A.
ON THE ERROR CORRECTING CAPACITY OF FINITE AUTOMATA,
AD-641 809 9B T66 24

ON ASYMPTOTIC ESTIMATES IN SWITCHING AND AUTOMATA THEORY,
AD-641 810 9B T66 24

HARRISON, R. W.
ADVANCED REFRACTORY ALLOY CORROSION LOOP PROGRAM QUARTERLY PROGRESS REPORT NO. 4, JAN. 15 - APR. 15, 1966.
N66-33976 11F S04 19 HC$ 2.00 MF$ 0.50

HARRIS, D. W.
A DESIGN PROCEDURE FOR THE WEIGHT OPTIMIZATION OF STRAIGHT FINNED RADIATORS.
N66-32943 10B S04 19 HC$ 2.00 MF$ 0.50

HARSTAD, J. BRUCE
SAMPLING SUBMICRON T1 BACTERIOPHAGE AEROSOLS,
AD-642 006 6H T66 24

HARTMAN, BRYCE O.
THE STUDY OF MAN DURING A 56-DAY EXPOSURE TO AN OXYGEN-HELIUM ATMOSPHERE AT 258 MM, HG TOTAL PRESSURE. XIII. BEHAVIOR FACTORS,
AD-641 807 6S T66 24

HART, C. A.
QUALIFICATIONS AND RELATED TRAINING FOR NAVAL RESERVE OFFICERS (1105) NAVAL WARFARE/OPERATIONS, SURFACE, MILITARY SEA TRANSPORTATION SERVICE AND NAVAL CONTROL OF SHIPPING ORGANIZATION,
AD-641 984 5I T66 24 HC$ 3.00 MF$ 0.75

HART, G. M.
RESEARCH ON SYNTHESIS AND CHARACTERIZATION OF HIGHLY ARYLATED ORGANOSILICON COMPOUNDS.
AD-641 414 7C T66 24 HC$ 3.00 MF$ 0.75

HARVEY, O. J.
PERSONALITY DIFFERENCES IN DISSONANCE RESOLUTION.
AD-641 511 5J T66 24 HC$ 1.00 MF$ 0.50

HASBROOK, A. HOWARD
IN-FLIGHT RESPONSE TO A NEW NON-GYROSCOPIC BLIND FLIGHT INSTRUMENT.
AD-641 479 1D T66 24 HC$ 1.00 MF$ 0.50

HASKIN, L. A.
METEORITIC, SOLAR, AND TERRESTRIAL RARE-EARTH DISTRIBUTION.
N66-34044 8D S04 19 HC$ 6.00 MF$ 1.50

HATCHER, R. L.
MICROMINIATURE CRYSTAL UNIT TYPE CR-(XH-47)/U PRODUCTION ENGINEERING MEASURE.
AD-641 461 9E T66 24 HC$ 1.00 MF$ 0.50

HATHAWAY, C. W.
DEVELOPMENT OF AN ASPHALT PAVEMENT AIR PERMEAMETER AND EVALUATION OF ITS USE.
PB-173 487 13B U41 24 HC$ 6.00 MF$ 1.25

HAVILL, C. D.
A SUPERCIRCULAR ENTRY GUIDANCE CONCEPT DESIGNED FOR MAXIMUM MONITORING CAPABILITY.
N66-37682 22C S04 23 HC$ 2.00 MF$ 0.50

HAWKINS, NEIL M.
BEHAVIOR OF CONTINUOUS PRESTRESSED CONCRETE BEAMS.
PB-173 406 13H U41 24 HC$ 2.00 MF$ 0.50

HAWTHORNE, J. R.
EFFECTS OF NEUTRON IRRADIATION ON THE PROPERTIES OF REACTOR STRUCTURAL MATERIALS.
AD-433 152 18J U41 24 HC$ 1.40

HAYES JR, W. C.
TRANSONIC WIND-TUNNEL MEASUREMENTS OF SOME DYNAMIC LONGITUDINAL AND DIRECTIONAL STABILITY PARAMETERS FOR A FINNED SPINNING BODY OF REVOLUTION HAVING A HIGH FINENESS RATIO.
N66-33323 1A S04 19 HC$ 1.00 MF$ 0.50

INVESTIGATION OF AERODYNAMIC CHARACTERISTICS OF AN AIRPLANE CONFIGURATION HAVING TAIL SURFACES OUTBOARD OF THE WING TIPS AT MACH NUMBERS OF 2.30, 2.97, AND 3.51.
N66-33331 1A S04 19 HC$ 2.50 MF$ 0.50

HAYET, LUCIEN
RESULTATS D IRRADIATION D ELEMENTS COMBUSTIBLES EN OXYDE MIXTE UO2 - PUO2 (RESULTS OF THE IRRADIATION OF MIXED UO2 - PUO2 OXIDE FUEL ELEMENTS).
PB-173 385 18J U41 24 HC$ 3.00 MF$ 0.75

HAYNES, R. C.
DETECTABILITY OF LUNAR X-RAYS.
AD-641 543 3B T66 24

HAYS, J. F.
THE EFFECT OF HIGH PRESSURE ON B2O3 CRYSTALLIZATION, DENSIFICATION, AND THE CRYSTALLIZATION ANOMALY.
AD-641 324 11B T66 24 HC$ 3.00 MF$ 0.50

HEALD, J. H., JR.
DESCRIPTION AND PERFORMANCE OF A MOLECULAR BEAM CHAMBER USED FOR CRYOPUMPING AND ADSORPTION PUMPING STUDIES.
AD-641 388 14B T66 24 HC$ 2.00 MF$ 0.50

HEARNE, L. F.
STUDY OF HEAT SHIELDING REQUIREMENTS FOR MANNED MARS LANDING AND RETURN MISSIONS FINAL REPORT.
N66-32717 28M S04 19 HC$ 3.00 MF$ 0.75

HEARN, HENRY J., JR.
HOST INFLUENCE ON THE CHARACTERISTICS OF VENEZUELAN EQUINE ENCOPHALOMYELITIS VIRUS.
AD-641 944 6M T66 24

HECKLER JR, C. H.
FEASIBILITY BREADBOARD OF AN ALL-MAGNETIC PCM TELEMETRY SYSTEM.
N66-33423 9F S04 23 HC$ 2.00 MF$ 0.50

HECKMAN, PAUL J., JR.
UNDERWATER RANGE-GATED PHOTOGRAPHY.
AD-641 878 14E T66 24 HC$ 2.00 MF$ 0.50

HEDEMAN, E. R.
SOLAR ACTIVITY CATALOGUE, VOLUME I - CATALOGUE OF SOLAR ACTIVITY DURING 1954 - 1956.
N66-33431 4A S04 19 HC$ 5.00 MF$ 1.25

HEER, C. V.
OPTICAL MASER PHOTON RATE GYROSCOPE.
N66-33372 20E S04 19 HC$ 1.00 MF$ 0.50

AN EVALUATION OF THE OPTICAL MASER PHOTON RATE GYROSCOPE.
N66-33411 20E S04 19 HC$ 2.00 MF$ 0.50

HEFFERREN, S. M.
AN AUTORADIOGRAPHIC STUDY OF TRYPTOPHANE-H3 INCORPORATION INTO RAT ENAMEL AND DENTINE MATRICES.
AD-642 884 6E T66 24

HEICKLEN, JULIAN P.
MISSION ORIENTED INVESTIGATION AND EXPERIMENTATION - GASEOUS DISCHARGE.
AD-456 624 20I U41 24 HC$ 1.00

HEIDELBAUGH, NORMAN D.
THE STUDY OF MAN DURING A 56-DAY EXPOSURE TO AN OXYGEN-HELIUM ATMOSPHERE AT 258 MM. HG TOTAL PRESSURE VIII. OBSERVATIONS ON FEEDING BITE-SIZE FOODS.
AD-641 838 6S T66 24

HEIDELBAUGH, NORMON D.
THE STUDY OF MAN DURING A 56-DAY EXPOSURE TO AN OXYGEN-HELIUM ATMOSPHERE AT 258 MM. HG TOTAL PRESSURE. IX. NUTRITIONAL EVALUATION OF FEEDING BITE-SIZE FOODS.
AD-641 804 6S T66 24

HELD, R.
RESEARCH IN PSYCHOBIOLOGY.
N66-33445 5J S04 19 HC$ 1.00 MF$ 0.50

HELM, H. A.
AN APPLICATION OF GROUP THEORY TO THE NUMERICAL INTEGRATION OF THE EQUATIONS OF MOTION OF A CONSERVATIVE DYNAMICAL SYSTEM.
N66-33573 12A S04 19 HC$ 2.00 MF$ 0.50

HENNINGER, ROBERT M.
NATURAL VENTILATION TEST OF AN ABOVEGROUND FALLOUT SHELTER IN CHICAGO, ILLINOIS.
AD-641 701 13M T66 24 MF$ 0.75

HENNINGS, G.
EXPERIMENTAL PERFORMANCE OF LIQUID HYDROGEN AND LIQUID FLUORINE IN REGENERATIVELY COOLED ROCKET ENGINES.
N66-33342 21M S04 19 HC$ 2.00 MF$ 0.50

HENRY, M. S.
DETERMINANTAL REPRESENTATIONS OF RECURSION RELATIONS FOR CERTAIN ORTHOGONAL POLYNOMIALS.
AD-641 457 12A T66 24

HENSON, J. R.
AN EXPERIMENTAL INVESTIGATION OF MIXING HIGH TEMPERATURE AIR WITH AMBIENT BYPASS AIR BY UPSTREAM INJECTION.
AD-641 712 20D T66 24 HC$ 2.00 MF$ 0.50

HERAS, C. A.
QUEERNESSES IN THE DEFORMATION CHART.
AD-641 463 20M T66 24 HC$ 2.00 MF$ 0.50

HERB, H. R.
PROBLEMS ASSOCIATED WITH THE PRESENCE OF WATER, SLUSH, SNOW AND ICE ON RUNWAYS.
N66-33489 1D S04 19 HC$ 2.50 MF$ 0.75

HERMAN, J. F.
WINGED HULL - STABILITY AND CONTROL STUDY.
AD-641 901 20D T66 24 HC$ 5.00 MF$ 1.00

HERMAN, LOUIS
EFFET D UN CHAMP MAGNETIQUE UNIFORME SUR LES PROFILS DES RAIES DE L HYDROGENE (THE EFFECT OF AN HOMOGENEOUS MAGNETIC FIELD ON THE LINE PROFILES OF HYDROGEN).
PB-173 392 20I U41 24 HC$ 3.00 MF$ 0.75

HERRMANN, G.
FORCED MOTIONS OF AN ENCASED CYLINDER OF DECREASING THICKNESS.
AD-641 846 20K T66 24

HERSEY, J. B.
BOTTOM REVERBERATION IN THE NORTH ATLANTIC OCEAN AND EASTERN MEDITERRANEAN SEA.
AD-641 334 8J T66 24 HC$ 3.00 MF$ 0.50

HERSHEY, A. V.
MEASURED VERSUS COMPUTED SURFACE WAVE TRAINS OF A RANKINE OVOID.
AD-641 888 20D T66 24 HC$ 3.00 MF$ 0.75

HESS, R. P.
A STUDY OF MAN S PHYSICAL CAPABILITIES ON THE MOON, VOLUME IV - INVESTIGATION OF LUNAR GRAVITY SIMULATION TECHNIQUES.
N66-38799 6B S04 23 HC$ 2.50 MF$ 0.50

HEYDRICK, FRED P.
HOST INFLUENCE ON THE CHARACTERISTICS OF VENEZUELAN EQUINE ENCOPHALOMYELITIS VIRUS.
AD-641 944 6M T66 24

HIBBETT, ROBERT M.
DEVELOPMENT OF SIGNAL GENERATOR AN/URM-123 ( ).
AD-641 907 14B T66 24 HC$ 1.00 MF$ 0.50

HICKAM, W. M.
FLIGHT TYPE OXYGEN PARTIAL PRESSURE SENSOR.
N66-33459 6B S04 19 HC$ 2.00 MF$ 0.50

HIGA, R.
FLUOR-PHOTODIODE GAMMA RAY DOSIMETER.
AD-641 913 18D T66 24 HC$ 4.00 MF$ 0.75

HIGGINS, CHARLES M.
NUCLEAR MOISTURE-DENSITY EVALUATION, PART II.
PB-173 421 13B U41 24 HC$ 2.00 MF$ 0.50

HILL JR, W. A.
FORCE AND PRESSURE-DISTRIBUTION INVESTIGATION TO HIGH ANGLES OF ATTACK ON ALL-MOVABLE TRIANGULAR AND RECTANGULAR WINGS IN COMBINATION WITH A BODY AT SUPERSONIC SPEEDS.
N66-33349 1A S04 19 HC$ 3.25 MF$ 1.25

HILLHOUSE, J. Q.
CONVERT O.D OR NEW FORMAT PATCH TAPE TO SPLICE TAPE FORMAT (MATC4).
AD-422-112 9B U41 24 HC$ 1.10

HILLJE, E. R.
TRANSONIC STATIC AND DYNAMIC LONGITUDINAL STABILITY CHARACTERISTICS OF A LOW-FINENESS- RATIO, BLUNTED-CYLINDER REENTRY BODY HAVING A CONVERGING-CONE AFTERBODY.
N66-33318 1D S04 19 HC$ 2.00 MF$ 0.50

HILTON, D. A.
SONIC-BOOM MEASUREMENTS DURING BOMBER TRAINING OPERATIONS IN THE CHICAGO AREA.
N66-38415 1C S04 23 HC$ 2.00 MF$ 0.50

HILTON, J. S.
THE EFFECTS OF GANGLIONIC BLOCKADE UPON THE PRESSOR RESPONSE ELICITED BY ELEVATION OF THE CEREBRAL SPINAL FLUID PRESSURE.
AD-641 527 6O T66 24

HINDS, B. D.
A COMPARISON OF THREE METHODS FOR THE CORRECTION OF RADAR ELEVATION ANGLE REFRACTION ERRORS.
AD-641 703 17I T66 24 HC$ 2.00 MF$ 0.50

HINE, C. H.
RESEARCH OF THE SCIENTIFIC LITERATURE AND REPORTS ON THE EFFECTS OF MAN OF ALCOHOL ALONE AND IN COMBINATION WITH OTHER DRUGS.
AD-641 794 6E T66 24 HC$ 5.00 MF$ 1.00

HINTON, R. J.
FATIGUE OF PLATES AND WELDMENTS IN HY-100 AND HY-130/150 STEELS.
AD-480 198 20K U41 24 HC$ 4.00 MF$ 0.75

HIRSCHFELDER, J. O.
BIPOLAR ANGLE AVERAGES AND TWO-CENTER, TWO-PARTICLE INTEGRALS INVOLVING R SUB 12.
AD-641 847 7D T66 24

AN APPRAISAL OF FOPIM FAST-CONVERGING PERTURBATION METHOD.
N66-33174 20J S04 19 HC$ 1.00 MF$ 0.50

DIFFERENT SCREENING CONSTANTS FOR DIFFERENT PHYSICAL PROPERTIES, I.
N66-33380 20J S04 19 HC$ 2.00 MF$ 0.50

AN APPLICATION OF HIRSCHFELDER- SILBEY PERTURBATION THEORY TO THE H2 PLUS ION.
N66-37904 7D S04 23 HC$ 1.00 MF$ 0.50

HISLER, A.
A NIKE FAILURE STUDY.
N66-33502 16D S04 19 HC$ 2.00 MF$ 0.50

HOCHSTIM, ADOLF R.
CONVERGENT TRANSPORT COEFFICIENTS OF PLASMA.
AD-641 429 20I T66 24 HC$ 4.00 MF$ 0.75

HODGE, A. M.
THE USE OF CONDUCTANCE CURVES FOR PENTODE CIRCUIT DESIGN.
AD-641 981 9A T66 24 HC$ 1.60 MF$ 0.50

HOEHN, A. J.
FREQUENCY ASSIGNMENT STUDIES.
AD-641 431 17B T66 24 HC$ 6.00 MF$ 1.25

HOEL, PAUL G.
OPTIMUM DESIGNS FOR POLYNOMIAL EXTRAPOLATION.
AD-641 679 12A T66 24

HOESS, E. A.
EXPLORATION OF THE FEASIBILITY OF PREPARING DOUBLE CHAIN NOVOLAC RESINS.
AD-641 872 11A T66 24 HC$ 2.00 MF$ 0.50

HOFER, R. G.
HEAT TRANSFER THROUGH A HOLLOW CYLINDER SUBJECTED TO TEMPERATURE SHOCK.
AD-457 861 20M U41 24 HC$ 3.00

HOFFMAN, A. C.
INSTRUMENT SYSTEM FOR DETERMINING TEMPERATURE EFFECTS ON MAXIMUM INDUCTION OF MAGNETIC MATERIALS.
N66-33969 20M S04 19 HC$ 1.00 MF$ 0.50

HOFFMAN, C. A.
METALLOGRAPHIC STUDY OF DISPERSION- STRENGTHENED ALLOYS AFTER FAILURE IN STRESS RUPTURE.
N66-33019 11F S04 19 HC$ 2.00 MF$ 0.50

HOFFMAN, E. E.
POTASSIUM CORROSION TEST LOOP DEVELOPMENT QUARTERLY PROGRESS REPORT NO. 10, 15 OCT. 1965 - 15 JAN. 1966.
N66-38146 14B S04 23 HC$ 2.00 MF$ 0.50

HOFFMAN, R. A.
ANISOTROPY OF THE SNOEK PHENOMENON IN NIOBIUM.
AD-641 785 11F T66 24

HOFF, N. J.
AN EXPERIMENTAL STUDY OF THE BUCKLING OF COMPLETE SPHERICAL SHELLS.
N66-33460 20K S04 19 HC$ 3.00 MF$ 0.75

HOIDALE, G. B.
SPECTRAL TRANSMISSIVITY OF THE EARTH S ATMOSPHERE IN THE 250 TO 500 WAVE NUMBER INTERVAL. PART IV (FINAL). A THEORETICAL COMPUTATION FOR PURE ROTATIONAL ABSORPTION.
AD-641 696 4A T66 24 HC$ 3.00 MF$ 0.75

HOIDALE, M. M.
METEOROLOGICAL DATA REPORT, AEROBEE NASA 4.136 NP (9 MAY 1966).
N66-33391 4B S04 19 HC$ 2.00 MF$ 0.50

HOLLADAY, T. M.
PROJECT SLOPE - STUDY OF LUNAR ORBITER PHOTOGRAPHIC EVALUATION FINAL REPORT.
N66-38492 14E S04 23 HC$ 3.25 MF$ 1.00

HOLLAND, C. H.
ATTENUATION OF SINUSOIDAL DISTURBANCES IN NONVISCOUS LIQUID FLOWING IN A LONG LINE WITH DISTRIBUTED LEAKAGE.
N66-33022 20D S04 19 HC$ 2.00 MF$ 0.50

HOLLOWAY, P. F.
ROUGHNESS EFFECTS ON BOUNDARY-LAYER TRANSITION FOR BLUNT-LEADING-EDGE PLATES AT MACH 6.
N66-33015 1A S04 19 HC$ 2.00 MF$ 0.50

HOLT, E. H.
RADIATION TEMPERATURE MEASUREMENTS OF THE NITROGEN AFTERGLOW PLASMA.
N66-34074 20I S04 19 HC$ 1.00 MF$ 0.50

HOLT, J. C.
ELECTRONIC PACKAGING - A BIBLIOGRAPHY.
N66-33390 9A S04 19 HC$ 3.00 MF$ 0.75

HOLVERSON, E. L.
ELECTRICAL CONDUCTION BY OXYGEN IONS IN CERIUM OXIDE.
AD-641 798 20C T66 24

HOLYOKE, D. L.
VERIFICATION OF OBJECTIVE FORECASTS AT THE CENTRAL ANALYSIS OFFICE OF THE METEOROLOGICAL SERVICE OF CANADA.
N66-33205 4B S04 19 HC$ 2.00 MF$ 0.50

HONDROS, J. G.
PRESSURE DISTRIBUTIONS ON A FLAT-PLATE DELTA WING SWEPT 65 DEG AT A MACH NUMBER OF 9.97 AT ANGLES OF ATTACK FROM 65 DEG TO 115 DEG AND ANGLES OF ROLL FROM 0 DEG TO 25 DEG AT A 90 DEG ANGLE OF ATTACK.
N66-33327 1A S04 19 HC$ 2.00 MF$ 0.50

HONIG, A.
PHOTOEXCITED ELECTRON CAPTURE BY IONIZED AND NEUTRAL SHALLOW IMPURITIES IN SILICON AT LIQUID-HELIUM TEMPERATURES.
AD-641 547 20L T66 24

HONNOLD, V. R.
EFFECT OF TRANSISTOR DESIGN PARAMETERS ON RADIATION RESPONSE (POWER TRANSISTORS).
AD-641 486 9A T66 24 HC$ 3.00 MF$ 0.75

HONSBERGER, W. D.
A STUDY OF POTENTIAL ROLES OF SUPERSONIC TRANSPORT CREWS AND SOME IMPLICATIONS FOR THE FLIGHT DECK. VOLUME II - FEASIBLE AUTOMATED AND MANUAL IMPLEMENTATION CONCEPTS FOR SST ACTIVITIES AND FUNCTIONS. FINAL REPORT.
N66-38751 5H S04 23 HC$ 6.00 MF$ 3.00

HOORY, S.
IDENTIFICATIONS OF SOLAR ULTRAVIOLET LINES RESULTING FROM A STUDY OF THE AR I AND K I ISOELECTRONIC SEQUENCES.
AD-641 444 3B T66 24

HORDON, M. J.
A STUDY OF THE ADHESION AND COHESION OF METALS FOURTH QUARTERLY PROGRESS REPORT, 9 MAR. - 9 JUN. 1966.
N66-32795 11F S04 19 HC$ 1.00 MF$ 0.50

HORD, DAVID J.
THE EVOKED HEART RATE RESPONSE DURING SLEEP.
AD-641 515 6P T66 24

HORD, R. A.
SOME CHEMICAL ASPECTS OF UPPER-ATMOSPHERE RESEARCH.
N66-33418 4A S04 19 HC$ 1.00 MF$ 0.50

HORIYE, H.
RADIATION EFFECTS ON SILICON SIXTH QUARTERLY PROGRESS REPORT, APR. 1 - JUN. 30, 1966.
N66-33436 20L S04 19 HC$ 1.00 MF$ 0.50

HOROWITZ, ISAAC M.
ACTIVE RC TRANSFER FUNCTION SYNTHESIS BY MEANS OF CASCADED RL AND RC STRUCTURES.
PB-173 175 9E U41 24 HC$ 5.60 MF$ 0.50

HOSHIZAKI, T.
RECORDING LEAF MOVEMENTS WITH A STRAIN GAUGE.
N66-33417 6C S04 19 HC$ 1.00 MF$ 0.50

HOUSTON, A. B.
STUDY TO DEFINE AGENA VIBRATION AND ACOUSTIC ENVIRONMENT.
N66-38495 22B S04 23 HC$ 3.75 MF$ 1.50

HOWARD, D. G.
INTERNAL FIELD OF FE57 IN NICKEL FROM 77K TO THE CURIE POINT.
AD-641 763 20L T66 24

HOWARD, J. C.
COMPUTER DERIVATIONS OF EQUATIONS OF MOTION IN A GENERAL ORTHOGONAL CURVILINEAR COORDINATE SYSTEM USING THE FORMAC LANGUAGE.
N66-38724 9B S04 23 HC$ 1.00 MF$ 0.50

HOWARD, MICHAEL LEO
AN UNDERWATER SOUND SYSTEM USED FOR ACCURATE POSITIONING.
AD-641 393 17G T66 24 HC$ 2.00 MF$ 0.50

HOWELL, W. C.
AN INITIAL EVALUATION OF A VIBROTACTILE DISPLAY IN COMPLEX CONTROL TASKS.
PB-173 174 5E U41 24 HC$ 1.60 MF$ 0.50

HOWE, J. T.
ON THE DYNAMICS OF CAPILLARIES AND THE EXISTENCE OF PLASMA FLOW IN THE PERICAPILLARY LYMPH SPACE.
N66-32697 6P S04 19 HC$ 2.00 MF$ 0.50

HO, J. C.
SUPERCONDUCTIVITY OF BETA-URANIUM,
AD-641 881 29C T66 24

HRIVNAK, GEORGE A.
DESIGN OF INTEGRATED ELECTRONIC DELAY LINE FOR A MAN-TRANSPORTABLE MTI RADAR SET.
AD-641 328 9A T66 24 HC$ 1.00 MF$ 0.50

HSIEH, DIN-YU
A STABILITY ANALYSIS OF SUPERPOSED FLUIDS,
AD-641 439 20D T66 24 HC$ 2.00 MF$ 0.50

HSWE, MYINT
PRODUCTION ENGINEERING MEASURE FOR INSULATED GATE FIELD EFFECT TRANSISTORS.
AD-641 401 9A T66 24 HC$ 3.00 MF$ 0.75

HUANG, S.-S.
EFFECT OF NON-SYNCHRONOUS ROTATION ON CLOSE BINARY STARS.
N66-33368 3A S04 19 HC$ 1.00 MF$ 0.50

DYNAMICS AND EVOLUTION OF CLOSE BINARY SYSTEMS.
N66-33379 3B S04 19 HC$ 3.00 MF$ 0.75

HUANG, T. T.
THE DYNAMIC PRESSURE TRACE AT THE SEA BOTTOM CREATED BY A GROUND EFFECT MACHINE.
AD-641 372 13J T66 24 HC$ 3.00 MF$ 0.50

HUCKABAY, A.
ANALYZATION, DESIGN, FABRICATION, AND TESTING OF A FOIL BEARING ROTOR SUPPORT SYSTEM FINAL TECHNICAL REPORT.
N66-32962 13I S04 19 HC$ 4.00 MF$ 0.75

HUCKEL, V.
SONIC-BOOM MEASUREMENTS DURING BOMBER TRAINING OPERATIONS IN THE CHICAGO AREA.
N66-39415 1C S04 23 HC$ 2.00 MF$ 0.50

HUDAK, CHARLES E.
DIRECT FLUORESCENT LABELING OF MICROORGANISMS AS A POSSIBLE LIFE-DETECTION TECHNIQUE,
AD-641 936 6M T66 24

HUDIMAC, A. A.
DIFFUSION IN HYDRODYNAMIC MODELS OF STRATIFIED FLUIDS.
AD-641 403 8C T66 24 HC$ 1.00 MF$ 0.50

HUDSON JR, J. L.
VARIABLE DYNAMIC FORCE VECTOR ROCKET TEST APPARATUS.
N66-33424 14B S04 19 HC$ 1.00 MF$ 0.50

HUDSON, R. G.
DIFFUSION AND ELECTRON EMISSION PROPERTIES OF DUPLEX REFRACTORY METAL THERMIONIC EMITTERS.
N66-33023 11F S04 19 HC$ 2.00 MF$ 0.50

HUEBSCH, W.
A MODEL NON-DEGENERATE FUNCTION,
AD-641 514 12A T66 24

HUET, JACQUES
STABILISATEURS DE TENSION POUR FOURS A HAUTE TEMPERATURE (VOLTAGE STABILIZATORS FOR HIGH TEMPERATURE FURNACE),
PB-173 483 13A U41 24 HC$ 1.00 MF$ 0.50

HUGHES, C. S.
CORRELATION AND CONFERENCE OF PORTABLE NUCLEAR DENSITY AND MOISTURE SYSTEMS,
PB-173 496 8M U41 24 HC$ 3.00 MF$ 0.75

HULBERT, SLADE
EXPLORATORY WORK ON THE PROBLEM OF REDUCED VISIBILITY.
PB-173 412 13L U41 24 HC$ 1.00 MF$ 0.50

HULL, DAVID G.
THREE-DIMENSIONAL CONFIGURATIONS OF MINIMUM TOTAL DRAG IN NEWTONIAN FLOW,
AD-468 762 20D U41 24 HC$ 3.60 MF$ 0.50

HULL, G. W., JR.
SUPERCONDUCTIVITY OF BETA-URANIUM,
AD-641 881 29C T66 24

HULM, J. K.
SUPERCONDUCTIVITY OF BARIUM TUNGSTEN BRONZE,
AD-641 789 29C T66 24

HUMPHREY, R. A.
PRECISION WINDING OF CYLINDRICAL COMPOSITES WITH SHAPED GLASS FILAMENTS.
N66-32958 13H S04 19 HC$ 2.00 MF$ 0.50

HUNGATE, TIMOTHY S.
DEVELOPMENT OF MAGNESIUM WAFER CELLS.
AD-641 668 18C T66 24 HC$ 2.00 MF$ 0.50

HUNG, J. C.
MINIMUM ENERGY TIME-OPTIMAL CONTROL FOR SATURATING SAMPLED-DATA SYSTEMS.
N66-32704 9C S04 19 HC$ 1.00 MF$ 0.50

HUNTER, W. R.
POLARIZERS FOR THE EXTREME ULTRAVIOLET.
N66-33377 20F S04 19 HC$ 1.00 MF$ 0.50

HUNTINGTON, J. H.
AN APPRAISAL OF FOPIM FAST-CONVERGING PERTURBATION METHOD.
N66-33174 20J S04 19 HC$ 1.00 MF$ 0.50

HURBIN-FAUCON, ANDREE
PREPARATION, DEFINITION ET STABILISATION PAR UNE MACROMOLECULE ORGANIQUE D UN SOL MINERAL CAS D UN COLLOIDE D HYDROXYDE D ALUMINIUM (PREPARATION DEFINITION AND STABILIZATION OF AN INORGANIC SOL BY AN ORGANIC MACROMOLECULE CASE OF AN ALUMINIUM HYDROXIDE COLLOID).
PB-173 391 7D U41 24 HC$ 3.00 MF$ 0.75

HURST, R. P.
APPROXIMATIONS TO HARTREE-FOCK PERTURBATION THEORY.
AD-641 486 7D T66 24

HURT, J. J.
ASYMPTOTIC STABILITY OF SAMPLED NONLINEAR SYSTEMS WITH VARIABLE SAMPLING PERIODS -- A BIONIC APPLICATION DISCUSSION.
N66-33438 12A S04 19 HC$ 1.00 MF$ 0.50

HUSEONICA, W. F.
THE CURRENT MEASUREMENT IN LAUNCH VEHICLE CHECKOUT.
N66-37675 9C S04 23 HC$ 1.00 MF$ 0.50

HUSTON, MILTON T.
STABILIZATION OF SILTY SOILS WITH PORTLAND CEMENT AND SODIUM SULFATE,
PB-173 489 13B U41 24 HC$ 2.00 MF$ 0.50

HUTCHINSON, J. W.
IMPERFECTION-SENSITIVITY OF EXTERNALLY PRESSURIZED SPHERICAL SHELLS.
N66-38362 20K S04 23 HC$ 2.00 MF$ 0.50

HU, Y. C.
DATA PROCESSING OF LUNAR INFRARED MEASUREMENTS AT HIGH SPATIAL AND RADIOMETRIC RESOLUTION TO OBTAIN BRIGHTNESS TEMPERATURES SCIENTIFIC REPORT NO. 9.
N66-33394 3A S04 19 HC$ 3.00 MF$ 0.75

HYDEN, H.
BIOCHEMISTRY OF CNS CELLS DURING LEARNING FINAL SCIENTIFIC REPORT, 1 APR. 1965 - 31 MAR. 1966.
N66-33257 6A S04 19 HC$ 2.00 MF$ 0.50

IGNALL, EDWARD J.
OPTIMAL POLICIES FOR TWO PRODUCT INVENTORY SYSTEMS, WITH AND WITHOUT SETUP COSTS.
AD-641 499 12B T66 24 HC$ 3.00 MF$ 1.00

INGRAO, H. C.
DATA PROCESSING OF LUNAR INFRARED MEASUREMENTS AT HIGH SPATIAL AND RADIOMETRIC RESOLUTION TO OBTAIN BRIGHTNESS TEMPERATURES SCIENTIFIC REPORT NO. 9.
N66-33394 3A S04 19 HC$ 3.00 MF$ 0.75

INMAN, R. M.
THEORETICAL INVESTIGATION OF TURBULENT LIQUID-METAL HEAT TRANSFER IN CHANNELS WITH HEAT SOURCES IN THE FLUID.
N66-38801 20M S04 23 HC$ 2.50 MF$ 0.75

INOUE, K.
EFFECTIVE CADMIUM CUTOFF ENERGY FOR CYLINDRICAL DETECTORS WITH CYLINDRICAL FILTERS.
N66-38351 18D S04 23 HC$ 1.00 MF$ 0.50

IPPEN, A. T.
WAVE REFLECTION AND TRANSMISSION IN OPEN CHANNEL TRANSITIONS.
AD-641 340 20D T66 24 HC$ 4.00 MF$ 1.25

IPSON, THOMAS W.
RESPONSE ON NON-WOVEN SYNTHETIC FIBER TEXTILES TO BALLISTIC IMPACT.
AD-641 433 11E T66 24 HC$ 4.00 MF$ 0.75

ISHAI, ORI
EXPERIMENTAL AND THEORETICAL STUDIES ON BUCKLING OF CONICAL AND CYLINDRICAL SHELLS UNDER COMBINED LOADING.
AD-641 971 20K T66 24 HC$ 5.00 MF$ 1.00

ISIHARA, A.
THE THEORY OF PLASMA RADIATION,
AD-248 852 20I U41 24 HC$ 1.60

IVERSON, WARREN P.
GROWTH OF DESULFOVIBRIO ON THE SURFACE OF AGAR MEDIA.
AD-641 948 6M T66 24

JACKMAN, L. A.
EXPERIMENTAL X-RAY STRESS ANALYSIS PROCEDURES FOR ULTRA HIGH STRENGTH MATERIALS.
N66-33410 11F S04 19 HC$ 1.00 MF$ 0.50

JACKSON JR, C. T.
VALIDATION OF A RESEARCH SIMULATOR FOR INVESTIGATING JET TRANSPORT HANDLING QUALITIES AND AIRWORTHINESS CRITERIA DURING TAKEOFF.

N66-38747 14B S04 23 HC$ 2.50 MF$ 0.50

JACKSON, BOSSIE, JR.
NEW FLARE FORMULATIONS FOR HIGH ALTITUDE APPLICATION,
AD-641 957 19A T66 24 HC$ 1.00 MF$ 0.50

JACKSON, J. E.
EFFECT OF ALLOYING ON THE PHONON SPECTRUM OF LEAD-INDIUM ALLOYS,
AD-641 760 20B T66 24

JACOBS, A.
A NEW APPROACH TO THE HOMOGENIZATION OF HETEROGENEOUS MEDIA FOR NEUTRON DIFFUSION CALCULATIONS.
N66-33373 7D S04 19 HC$ 3.00 MF$ 0.75

JAFFE, SOL S.
ORGANIC DEPOLARIZED CELLS UTILIZING META-DINITROBENZENE.
AD-641 852 10C T66 24 HC$ 3.00 MF$ 0.75

JAGER, W. L.
WINGED HULL - STABILITY AND CONTROL STUDY.
AD-641 901 20D T66 24 HC$ 5.00 MF$ 1.00

JAIN, G. C.
A DISTRIBUTED PARAMETERS MODEL FOR SOLAR CELLS.
N66-33403 10A S04 19 HC$ 1.00 MF$ 0.50

JAMES, LAWRENCE W.
A SENSITIVE RECORDING NMR ULTRASONIC SPECTROMETER,
NBS-TN-344 14B U41 24 HC$ 0.20 MF$ 0.50

JANE, JOHN A,
THE ORIGIN, COURSE AND TERMINATION OF CORTICOSPINAL FIBERS IN THE SLOW LORIS, NYCTICEBUS COUCANG (BODDAERT),
AD-641 924 6C T66 24

JANOWITZ, SHELDON L.
DIRECT FLUORESCENT LABELING OF MICROORGANISMS AS A POSSIBLE LIFE-DETECTION TECHNIQUE,
AD-641 936 6M T66 24

JANSER, G. R.
SUMMARY OF MATERIALS TECHNOLOGY OF M-1 ENGINE.
N66-33977 13H S04 19 HC$ 2.50 MF$ 0.75

JARNY, PIERRE
PROPRIETES THERMODYNAMIQUES DU CHLORURE D ARGENT DANS LE MELANGE EUTECTIQUE FONDU KCL-LICL (THERMODYNAMIC PROPERTIES OF SILVER CHLORIDE IN THE MOLTEN KCL-LICL EUTECTIC),
PB-173 399 7D U41 24 HC$ 3.00 MF$ 0.75

JARRELL, A. R.
HISTORY OF THE GEORGE C. MARSHALL SPACE FLIGHT CENTER, JULY 1 THROUGH DECEMBER 31, 1964, VOLUME ONE NINTH SEMIANNUAL HISTORY.
N66-38017 14B S04 23 HC$ 6.00 MF$ 1.50

JARVIS, E. C.
THE IDENTIFICATION AND MOVEMENT OF MESO-SCALE THUNDERSTORM SYSTEMS.
N66-33119 4B S04 19 HC$ 2.00 MF$ 0.50

JASPERSE, J. R.
TEMPERATURE DEPENDENCE OF INFRARED DISPERSION IN IONIC CRYSTALS LIF AND MGO.
AD-641 694 20F T66 24

JAYNE, J. P.
FORMATION OF CO2 RADICAL IONS WHEN CO2 IS ADSORBED ON IRRADIATED MAGNESIUM OXIDE.
N66-33166 7C S04 19 HC$ 1.00 MF$ 0.50

JEFFERIES, K. S.
ANALYSIS OF CONDENSING PRESSURE CONTROL FOR SNAP-8 SYSTEM.
N66-37683 18N S04 23 HC$ 1.00 MF$ 0.50

JENKINS, G. M.
DISCRETE MODELS FOR FORECASTING AND CONTROL.
AD-641 935 12B T66 24 HC$ 2.00 MF$ 0.50

JENKIN, HOWARD M.
STUDIES OF INFECTIOUS DISEASES OF TAIWAN.
AD-641 987 6E T66 24 HC$ 1.00 MF$ 0.50

JENKS, J. H.
NASA TUNGSTEN REACTOR RADIATION CHEMISTRY STUDIES FINAL REPORT.
N66-38496 7E S04 23 HC$ 3.00 MF$ 1.00

JENSEN, H. ANTHONY
ELECTRON DENSITY AND ELECTRONIC PROPERTIES IN NOBLE-METAL TRANSITION ELEMENTS.
AD-641 796 20C T66 24

JERISON, HARRY J.
HUMAN AND ANIMAL VIGILANCE,
AD-641 703 5J T66 24

JISCHKE, MARTIN
RADIATION COUPLED WEDGE FLOWS.
AD-641 886 20D T66 24

JOHNSON, C. B.
A THEORETICAL AND EXPERIMENTAL STUDY AT MACH 8 OF FLOW SEPARATION OF A FLAT PLATE WITH DEFLECTED TRAILING EDGE FLAP.
N66-38716 1A S04 23 HC$ 5.00 MF$ 1.00

JOHNSON, C. E.
PROGRAMMING PRINCIPLES FOR THE IBM RELAY CALCULATORS,
AD-641 346 9B T66 24 HC$ 9.60 MF$ 0.75

JOHNSON, K.
ADHESION BETWEEN ATOMICALLY PURE METALLIC SURFACES, PART IV SEMIANNUAL REPORT.
N66-32805 11F S04 19 HC$ 2.00 MF$ 0.50

JOHNSON, LAVERNE C.
THE EVOKED HEART RATE RESPONSE DURING SLEEP,
AD-641 515 6P T66 24

JOHNSON, M. A.
A NEW CLASS OF TRAPPED LIGHT FILAMENTS.
N66-33863 20E S04 19 HC$ 1.00 MF$ 0.50

JOHNSON, N. C.
OSCILLATOR STRENGTHS AND HIGH ACCURACY WAVE FUNCTIONS FOR NEUTRAL HELIUM.
N66-33385 20J S04 19 HC$ 1.00 MF$ 0.50

JOHNSON, ROGER W.
CONTROLLED PH AND OXIDATION-REDUCTION POTENTIAL WITH A NEW GLASS TISSUE-CULTURE FERMENTOR,
AD-641 939 6L T66 24

JOHNSON, W. W.
STABILIZATION OF MONETHANOLAMINE WITH COPPER SULFATE AND POTASSIUM IODIDE IN THE MARE ISLAND CO2 SCRUBBER,
AD-205 742 13J U41 24 HC$ 1.60

JOHNSTON, R. G.
ON THE USE OF THERMOPILES FOR ABSOLUTE RADIOMETRY IN THE FAR ULTRAVIOLET.
N66-33178 20F S04 19 HC$ 2.00 MF$ 0.50

JOHNSTON, WILLIAM A.
SHORT-TERM RETENTION AS A RATIO OF AVERAGE STORAGE LOAD TO AVERAGE LOAD REDUCTION,
AD-641 382 5J T66 24

JOKIPII, J. R.
ACCELERATION OF ELECTRONS NEAR THE EARTH S BOW SHOCK.
N66-33413 20M S04 19 HC$ 1.00 MF$ 0.50

JONAH, F. C.
SOLAR ACTIVITY CATALOGUE. VOLUME I - CATALOGUE OF SOLAR ACTIVITY DURING 1954 - 1956.
N66-33431 4A S04 19 HC$ 5.00 MF$ 1.25

JONES, D. H.
PHOTOELECTRIC PHOTOMETRY OF RR LYRAE STARS.
N66-33137 3B S04 19 HC$ 1.00 MF$ 0.50

JONES, J. W.
CHEMICAL RIGIDIZATION OF EXPANDABLE STRUCTURES.
AD-484 442 13M U41 24 HC$ 4.00 MF$ 0.75

JONES, L. L.
HISTORY OF THE GEORGE C. MARSHALL SPACE FLIGHT CENTER, JULY 1 THROUGH DECEMBER 31, 1964, VOLUME ONE NINTH SEMIANNUAL HISTORY.
N66-38017 14B S04 23 HC$ 6.00 MF$ 1.50

JONES, R. A.
HEAT-TRANSFER AND PRESSURE DISTRIBUTIONS ON A FLAT-FACE ROUNDED-CORNER BODY OF REVOLUTION WITH AND WITHOUT A FLAP AT A MACH NUMBER OF 8.
N66-33334 20M S04 19 HC$ 2.50 MF$ 0.75

JONES, W. H., JR.
27AL AND 89Y NUCLEAR MAGNETIC RESONANCE IN YTTRIUM-ALUMINUM GARNET,
AD-641 772 20L T66 24

JONES, W. J.
NASA CONTRIBUTIONS TO - CARDIOVASCULAR MONITORING.
N66-32925 6B S04 19 HC$ 2.00 MF$ 0.50

JONES, W. L.
EXPERIMENTAL PERFORMANCE OF A HYDROGEN- FLUORINE ROCKET ENGINE AT SEVERAL CHAMBER PRESSURES AND EXHAUST-NOZZLE EXPANSION AREA RATIOS.
N66-33348 21H S04 19 HC$ 2.00 MF$ 0.50

JONES, W. M.
THE FLIGHT OPERATIONS PLANNER,
AD-227 738 15G U41 24 HC$ 9.60

JORDAN, B. C.
STATIC STABILITY CHARACTERISTICS OF CONE AND HALF-CONE-PYRAMID CONFIGURATIONS AT MACH 6.83.
N66-33453 1A S04 19 HC$ 2.00 MF$ 0.50

JORDAN, B. W.
OPTIMAL CONTROL OF APERIODIC DISCRETE-TIME SYSTEMS.
AD-641 493 12B T66 24

JOSEPH, D.
SIMULATION OF ORGANISMIC MORPHOLOGY AND BEHAVIOR BY SYNTHETIC POLY-ALPHA-AMINO ACIDS.
N66-37894 6A S04 23 HC$ 1.00 MF$ 0.50

JUDAY, R. D.
DETECTABILITY OF LUNAR X-RAYS.
AD-641 543 3B T66 24

JUKES, T. H.
PRESENT STATUS OF THE AMINO ACID CODE.
N66-33376 6A S04 19 HC$ 1.00 MF$ 0.50

JURY, E. I.

A NOTE ON AIZERMAN S CONJECTURE,
AD-641 685 12B T66 24

A STABILITY INEQUALITY FOR A CLASS OF NONLINEAR FEEDBACK SYSTEMS.
AD-641 689 12B T66 24

KAATTARI, G. E.
SUPERSONIC AERODYNAMIC CHARACTERISTICS OF TRIANGULAR PLANFORM MODELS AT ANGLES OF ATTACK TO 90 DEGREES.
N66-33324 1A S04 19 HC$ 2.00 MF$ 0.50

FORCE AND PRESSURE-DISTRIBUTION INVESTIGATION TO HIGH ANGLES OF ATTACK ON ALL-MOVABLE TRIANGULAR AND RECTANGULAR WINGS IN COMBINATION WITH A BODY AT SUPERSONIC SPEEDS.
N66-33349 1A S04 19 HC$ 3.25 MF$ 1.25

KADEN, H.
NEW FINDINGS ON ANODIC OXIDATION OF ALUMINUM.
AD-641 932 11F T66 24 HC$ 1.00 MF$ 0.50

KADHIM, A. H.
EFFECTS OF HIGH PRESSURES ON THE ABSORPTION SPECTRUM OF AZOBENZENE.
AD-641 573 7C T66 24 HC$ 1.00 MF$ 0.50

KADO, RAY T.
TRANSPORT OF RENIN ANGIOTENSIN BY RENAL LYMPHATICS.
AD-641 380 6E T66 24

KADO, R. T.
MEASUREMENT OF OXYGEN TENSION AND SATURATION IN THE DIAGNOSIS OF RENAL ISCHEMIC HYPERTENSION,
AD-641 375 6E T66 24

KAHAN, A.
TEMPERATURE DEPENDENCE OF INFRARED DISPERSION IN IONIC CRYSTALS _IF AND MGO.
AD-641 694 20F T66 24

KAHL, G. D.
A GENERALIZED VECTOR THEORY OF THE MACH-ZEHNDER INTERFEROMETER,
AD-641 345 20F T66 24 HC$ 2.60 MF$ 0.50

KAISER, J.
MULTIPLE ACCESS TO A COMMUNICATION SATELLITE WITH A HARD-LIMITING REPEATER. VOLUME I. MODULATION TECHNIQUES AND THEIR APPLICATIONS,
AD-457 945 22B U41 24 HC$ 3.00

KALININA, N. A.
EFFECT OF SINGLE AND REPEATED TETRACYCLINE ADMINISTRATION ON THE PHAGOCYTIC FUNCTION OF RETICULENDOTHELIAL SYSTEMS,
AD-641 749 6D T66 24 HC$ 1.00 MF$ 0.50

KANAAN, A. S.
SUBLIMATION PRESSURES OF REFRACTORY FLUORIDES.
N66-33392 7D S04 19 HC$ 1.00 MF$ 0.50

KANG, I<-JU
FICTITIOUS NATURE OF CORE TERM IN EXCHANGE AMPLITUDE FOR ELECTRON-ATOM SCATTERING,
AD-641 623 20J T66 24

KANNING, G.
MEASURED PERFORMANCE OF WATER VAPOR JETS FOR SPACE VEHICLE ATTITUDE CONTROL SYSTEMS.
N66-32955 22B S04 19 HC$ 1.00 MF$ 0.50

KAPLAN, HARVEY
APPROACHES TO PIEZOELECTRICITY AND ELASTICITY IN MIXED IONIC COVALENT COMPOUNDS,
AD-641 538 20L T66 24

KAPLAN, M. A.
AN ANALYSIS OF THE TWO-DIMENSIONAL PARTICLE-IN-CELL METHOD,
AD-641 655 19D T66 24 HC$ 3.00 MF$ 0.50

KAPLAN, N. O.
STRUCTURAL AND FUNCTIONAL PROPERTIES OF THE H AND M SUBUNITS OF LACTIC DEHYDROGENASES.
N66-33173 6A S04 19 HC$ 2.00 MF$ 0.50

EVOLUTION OF DEHYDROGENASES.
N66-33382 6A S04 19 HC$ 3.00 MF$ 0.75

KAPLON, M. F.
A HEURISTIC MODEL FOR THE VARIATION WITH RIGIDITY OF THE COSMIC-RAY CHARGE SPECTRUM,
AD-641 687 3B T66 24

KAPRIELIAN, Z. A.
TRANSVERSE MAGNETIC WAVE PROPAGATION IN SINUSOIDALLY STRATIFIED DIELECTRIC MEDIA.
AD-641 734 20N T66 24

KARDON, MERRILL B.
A SIMPLE PORTABLE SONOMICROMETER.
AD-641 571 6L T66 24 HC$ 1.00 MF$ 0.50

KARETNIKOV, I. A.
EFFECT OF CRYSTALLINE STRUCTURE ON THE PHOTOELECTRIC PROPERTIES OF THIN LAYERS OF CADMIUM SULFIDE.
N66-33705 20L S04 19 HC$ 1.00 MF$ 0.50

KARPLUS, M.
APPROXIMATIONS TO HARTREE-FOCK PERTURBATION THEORY,
AD-641 486 7D T66 24

KARRAS, T. J.
AN ERROR DETECTION AND CORRECTION APPROACH TO THE TIME DECODING PROBLEM.
N66-33014 9F S04 19 HC$ 1.00 MF$ 0.50

KARSTEDT, B. D.
RESEARCH ON SYNTHESIS AND CHARACTERIZATION OF HIGHLY ARYLATED ORGANOSILICON COMPOUNDS.
AD-641 414 7C T66 24 HC$ 3.00 MF$ 0.75

KASAI, I.
PHOTOVOLTAIC EFFECT AND UTILIZATION OF PHOTOVOLTAIC CELLS - EFFECT OF SUB-THRESHOLD ELECTRON RADIATION ON SURFACE PROPERTIES OF GE P-V CELLS SECOND SEMIANNUAL REPORT, 1 NOV. 1965 - 31 MAY 1966.
N66-33388 10A S04 19 HC$ 2.00 MF$ 0.50

KASAMI, T.
SOME RESULTS ON CYCLIC CODES WHICH ARE INVARIANT UNDER THE AFFINE GROUP.
AD-641 581 9D T66 24 HC$ 3.00 MF$ 0.50

KATONA, P. G.
BIOLOGICAL CONTROL SYSTEMS - A CRITICAL REVIEW AND EVALUATION.
N66-37776 6P S04 23 HC$ 4.25 MF$ 2.00

KATO, TOSIO
WAVE OPERATORS AND SIMILARITY FOR SOME NON-SELFADJOINT OPERATOR,
AD-641 737 12A T66 24

KATZELL, RAYMOND A.
COMBAT RECOGNITION REQUIREMENTS,
AD-641 850 5I T66 24 HC$ 10.60 MF$ 0.75

NAVY RECOGNITION TRAINING.
AD-641 879 5I T66 24 HC$ 7.60 MF$ 0.75

KATZENSTEIN, H. S.
FLUOR-PHOTODIODE GAMMA RAY DOSIMETER.
AD-641 913 18D T66 24 HC$ 4.00 MF$ 0.75

KATZ, AMROM H.
THE SHORT RUN AND THE LONG WALK. (PARTS I AND II),
AD-641 956 15G T66 24 HC$ 1.00 MF$ 0.50

KATZ, LUDWIG
ELECTRON AND PROTON OBSERVATIONS.
AD-641 358 4A T66 24 HC$ 2.00 MF$ 0.50

KATZ, MILTON S.
THE EFFECT OF INTERMITTENT COURSE ILLUMINATION OF DIFFERING FREQUENCIES ON TRACKING PERFORMANCE,
AD-109 238 5E U41 24 HC$ 1.00

KATZ, SAM
KINETICS AND MECHANISM OF ALBUMIN DENATURATION,
AD-642 001 6A T66 24

KAVANAGH, R. W.
MASSES AND EXCITATION ENERGIES OF SOME PROTON-RICH NUCLEI,
AD-642 000 20M T66 24

KAYE, SEYMOUR M.
STORAGE STABILITY OF PYROTECHNIC COMPOSITIONS CONTAINING VINYL ALCOHOL ACETATE RESIN.
AD-641 893 19A T66 24 HC$ 2.00 MF$ 0.50

NEW FLARE FORMULATIONS FOR HIGH ALTITUDE APPLICATION,
AD-641 957 19A T66 24 HC$ 1.00 MF$ 0.50

KAYSER, BORIS
DYNAMICS OF THE Y1* BRANCHING RATIO,
AD-641 691 20M T66 24

KEGLEY, J. COLBY
CONVEXITY WITH RESPECT TO EULER-LAGRANGE DIFFERENTIAL OPERATORS,
AD-641 688 12A T66 24

KEIPERT, F. A.
TELEMETRY PROCESSING FOR NASA SCIENTIFIC SATELLITES.
N66-33013 9F S04 19 HC$ 1.00 MF$ 0.50

KELLER JR, D. V.
ADHESION BETWEEN ATOMICALLY PURE METALLIC SURFACES. PART IV SEMIANNUAL REPORT.
N66-32805 11F S04 19 HC$ 2.00 MF$ 0.50

KELLEY, JOSEPH G.
ENERGY TRANSFER FROM A TEST ELECTRON TO A COLLISIONLESS PLASMA,
AD-641 639 20I T66 24 HC$ 2.00 MF$ 0.50

KELLIN, S. S.
INVESTIGATION OF WALL SURFACE TEMPERATURE BEHIND A MOVING SHOCK WAVE.
N66-33678 20M S04 19 HC$ 1.00 MF$ 0.50

KELLY, B. T.
THE EFFECT OF DEFECTS ON THE BASAL PLANE THERMAL CONDUCTIVITY OF A GRAPHITE CRYSTAL. PART I - THEORY.
N66-33110 18K S04 19 HC$ 1.00 MF$ 0.50

THE EFFECT OF DEFECTS ON THE BASAL PLANE THERMAL CONDUCTIVITY OF A GRAPHITE CRYSTAL. PART 2 - COMPARISON OF THE THEORY OF POINT DEFECT SCATTERING WITH CHANGES OF CONDUCTIVITY INDUCED BY FAST NEUTRON IRRADIATION. PART 3 - TEST OF THE THEORY OF GRAIN BOUNDARY SCATTERING.
N66-37785 20B S04 23 HC$ 1.00 MF$ 0.50

KEMP JR, W. B.
GROUND EFFECTS RELATED TO LANDING OF AIRPLANES WITH LOW-ASPECT-RATIO WINGS,
N66-39138 1B S04 23 HC$ 1.00 MF$ 0.50

KEMP, B. A.
MORE ON MEASURES OF MARKET STRUCTURE,
AD-641 822 5C T66 24 HC$ 2.00 MF$ 0.50

KEMP, R. F.
RESEARCH ON ION BEAM DIAGNOSTICS FINAL REPORT,
N66-39759 10A S04 23 HC$ 3.00 MF$ 0.75

KENNEDY, DONALD
FUNCTIONAL ROLE OF MUSCLE RECEPTOR ORGANS IN CRAYFISH,
AD-641 487 6C T66 24

REFLEX CONTROL OF ABDOMINAL FLEXOR MUSCLES IN THE CRAYFISH, II. THE TONIC SYSTEM,
AD-641 489 6C T66 24

KENT, R. A.
SUBLIMATION PRESSURES OF REFRACTORY FLUORIDES,
N66-33392 7D S04 19 HC$ 1.00 MF$ 0.50

KERR, H. S.
TEST PROGRAM ON THIN-WALLED TUBES WITH ZERO THERMAL GRADIENT FINAL REPORT,
N66-33972 20K S04 19 HC$ 3.25 MF$ 1.25

KETCHMAN, J. J.
A DESIGN PROCEDURE FOR THE WEIGHT OPTIMIZATION OF STRAIGHT FINNED RADIATORS,
N66-32943 10B S04 19 HC$ 2.00 MF$ 0.50

KEVANE, C. J.
ELECTRICAL CONDUCTION BY OXYGEN IONS IN CERIUM OXIDE,
AD-641 790 20C T66 24

KIDMAN, RONALD
FREQUENCY TEMPERATURE COMPENSATION TECHNIQUES FOR QUARTZ CRYSTAL OSCILLATORS,
AD-481 611 9E U41 24 HC$ 3.00 MF$ 0.75

KIDMAN, R. D.
FREQUENCY TEMPERATURE COMPENSATION TECHNIQUES FOR QUARTZ CRYSTAL OSCILLATORS,
AD-485 171 9E U41 24 HC$ 2.00 MF$ 0.50

KIERNAN, THOMAS J,
AN EXPLORATORY STUDY OF THE FEASIBILITY OF GLASS AND CERAMIC PRESSURE VESSELS FOR NAVAL APPLICATIONS,
AD-641 875 13J T66 24 HC$ 2.00 MF$ 0.50

KILGORE, R. A.
TRANSONIC WIND-TUNNEL MEASUREMENTS OF SOME DYNAMIC LONGITUDINAL AND DIRECTIONAL STABILITY PARAMETERS FOR A FINNED SPINNING BODY OF REVOLUTION HAVING A HIGH FINENESS RATIO,
N66-33323 1A S04 19 HC$ 1.00 MF$ 0.50

KILMINSTER, DAVID T.
EVALUATION OF THE RESPONSE OF SILICON DIODE DOSIMETERS TO FAST NEUTRONS,
AD-641 559 18D T66 24 HC$ 2.00 MF$ 0.50

KIMBREL, L. G.
INFLIGHT AND GROUND-BASED SIMULATION OF HANDLING QUALITIES OF VERY LARGE AIRPLANES IN LANDING APPROACH,
N66-38805 1B S04 23 HC$ 2.50 MF$ 0.75

KIMZEY, J. H.
FLAMMABILITY IN ZERO-GRAVITY ENVIRONMENT,
N66-37777 21B S04 23 HC$ 2.00 MF$ 0.50

KING-HELE, D. G.
THE EVEN ZONAL HARMONICS OF THE EARTH S GRAVITATIONAL POTENTIAL,
AD-466 587 8N U41 24 HC$ 1.00 MF$ 0.50

KING, CHI-YU
EXCITATION OF SURFACE WAVES BY THE UNDERGROUND NUCLEAR EXPLOSION LONG SHOT,
AD-642 002 8K T66 24

KING, I. R.
AN EXPERIMENTAL STUDY OF FLUIDIZATION PROCESSES UNDER LUNAR CONDITIONS,
N66-39803 3B S04 23 HC$ 2.50 MF$ 0.75

KING, J. I. F.
THE DYNAMIC SHIELDING RESPONSE OF AN IRRADIATED PLASMA,
AD-641 899 20I T66 24 HC$ 9.00 MF$ 0.75

KING, L. G.
DETERMINANTAL REPRESENTATIONS OF RECURSION RELATIONS FOR CERTAIN ORTHOGONAL POLYNOMIALS,
AD-641 457 12A T66 24

KINZLY, R. E.
PROJECT SLOPE - STUDY OF LUNAR ORBITER PHOTOGRAPHIC EVALUATION FINAL REPORT,
N66-38492 14E S04 23 HC$ 3.25 MF$ 1.00

KIRBY, R. H.
FLIGHT INVESTIGATION OF DYNAMIC STABILITY AND CONTROL CHARACTERISTICS OF A 0.18-SCALE MODEL OF A FAN-IN-WING VTOL AIRPLANE,
N66-32941 1C S04 19 HC$ 2.00 MF$ 0.50

KIRKWOOD, R. L.
THE COST OF UNRELIABILITY OF AIR FORCE AIRBORNE ELECTRONIC EQUIPMENT AS PRESENTED BY THE COST OF MAINTENANCE,
AD-85 471 15E U41 24 HC$ 3.00

KIRKWOOD, T. F.
A STUDY TO DETERMINE THE FLIGHT PATHS WHICH REQUIRE MINIMUM TIME AND MINIMUM FUEL FOR A TYPICAL PRESENT DAY INTERCEPTOR,
AD-102 896 1B U41 24 HC$ 1.00

KIRK, D. B.
A STUDY OF DAMPING IN NONLINEAR OSCILLATIONS,
N66-37641 1A S04 23 HC$ 2.50 MF$ 0.50

KIRSCHENSTEINER, R. J.
A STUDY OF MAN S PHYSICAL CAPABILITIES ON THE MOON, VOLUME IV - INVESTIGATION OF LUNAR GRAVITY SIMULATION TECHNIQUES,
N66-38799 6B S04 23 HC$ 2.50 MF$ 0.50

KISELEV, A. A.
AN IMPORTANT STEP IN SPACE MEDICINE, SOME RESULTS OF THE EXPERIMENT ON THE COSMOS 110 SATELLITE,
N66-33725 6S S04 19 HC$ 1.00 MF$ 0.50

KISLYI, P. S.
INVESTIGATION OF THE OXIDATION RESISTANCE OF ZIRCONIUM BORIDE-MOLYBDENUM DISILICIDE ALLOYS,
AD-641 930 11F T66 24 HC$ 1.00 MF$ 0.50

KITRILAKIS, S. S.
OPTIMUM ELECTRODE CAVITIES FOR THERMIONIC ENERGY CONVERTERS,
AD-641 432 10B T66 24 HC$ 3.00 MF$ 0.75

KIVMAN, G. YA.
EFFECT OF SINGLE AND REPEATED TETRACYCLINE ADMINISTRATION ON THE PHAGOCYTIC FUNCTION OF RETICULENDOTHELIAL SYSTEMS,
AD-641 749 6O T66 24 HC$ 1.00 MF$ 0.50

KLAPHEKE, J. W.
ELECTRONIC PACKAGING - A BIBLIOGRAPHY,
N66-33390 9A S04 19 HC$ 3.00 MF$ 0.75

KLARMANN, J.
AN APPARENTLY HIGH FLUX OF PRIMARY COSMIC-RAY GAMMA-PARTICLES AT 41 DEG N. MAG.,
N66-32964 20H S04 19 HC$ 1.00 MF$ 0.50

KLEIN, EVANS L.
AIRBORNE OMEGA RECEIVER,
AD-481 367 17B U41 24 HC$ 2.00 MF$ 0.50

KLEIN, FREDERICK
PATHOPHYSIOLOGY OF ANTHRAX,
AD-641 933 6E T66 24

KLEIN, M. J.
INVESTIGATION OF MECHANICAL PROPERTIES OF CHROMIUM, CHROMIUM RHENIUM, AND DERIVED ALLOYS TWENTY-THIRD QUARTERLY PROGRESS REPORT, OCT. 1, 1965 - MAR. 31, 1966,
N66-33432 11F S04 19 HC$ 1.00 MF$ 0.50

KLEY, W.
THE USE OF PULSED REACTORS IN THE FIELD OF NEUTRON AND SOLID STATE PHYSICS,
N66-33429 18K S04 19 HC$ 3.00 MF$ 0.75

KLICKA, MARY V.
THE STUDY OF MAN DURING A 56-DAY EXPOSURE TO AN OXYGEN-HELIUM ATMOSPHERE AT 258 MM. HG TOTAL PRESSURE VIII. OBSERVATIONS ON FEEDING BITE-SIZE FOODS,
AD-641 830 6S T66 24

KLICK, C. C.
PREPARATION AND CHARACTERIZATION OF ULTRA-PURE SOLIDS,
AD-641 958 20L T66 24 HC$ 3.00 MF$ 0.75

KLIMOVA, I. M.
EFFECT OF PLAGUE TOXIN ON BLOOD PROTEINS AND INCORPORATION OF METHIONINE-S35 INTO TISSUE PROTEINS,
AD-641 427 6E T66 24 HC$ 1.00 MF$ 0.50

KLINGENMEIER, RUSSELL J., JR.
THE IMPACT OF LARGE INSTALLATIONS ON NEARBY AREAS,
AD-641 925 13B T66 24 HC$ 9.65 MF$ 2.75

KLONGLAN, GERALD E.
ADOPTION OF PUBLIC FALLOUT SHELTERS, A 1964 NATIONAL STUDY,
AD-641 645 15C T66 24 HC$ 7.00 MF$ 1.75

AD-641 646 15C T66 24 HC$ 2.00 MF$ 0.50

KLOOT, N. H.
THE MECHANICAL PROPERTIES OF 81 NEW GUINEA TIMBERS,
PB-173 478 11L U41 24 HC$ 3.00 MF$ 0.50

KLOTZ, JEROME
ASYMPTOTIC EFFICIENCY OF THE KOLMOGOROV - SMIRNOV TEST,
AD-641 398 12A T66 24 HC$ 1.00 MF$ 0.50

KNAPP, A. W.
REGULAR BOUNDARY POINTS IN MARKOV CHAINS,
AD-641 465 12A T66 24

KNAPP, W. J.
AN INVESTIGATION OF CERAMICS AS STRUCTURAL MATERIALS,
N66-38752 20K S04 23 HC$ 1.00 MF$ 0.50

KNEPTON JR, J. C.
THE ELECTROENCEPHALOGRAM OF THE SQUIRREL MONKEY (SAIMIRI SCIUREUS) IN A VERY HIGH MAGNETIC FIELD,
N66-38729 6S S04 23 HC$ 1.00 MF$ 0.50

N66-38793 6C S04 23 HC$ 1.00 MF$ 0.50

KNEPTON, JAMES C., JR.
EXPOSURE OF TRADESCANTIA MICROSPORES TO PERIODIC VIBRATIONS OF 40-100 HERTZ.
AD-641 656 6C T66 24 HC$ 1.00 MF$ 0.50

KNISELY, RALPH F.
DIFFERENTIAL MEDIA FOR THE IDENTIFICATION OF BACILLUS ANTHRACIS,
AD-641 945 6M T66 24

KNOEBEL, H.
RESEARCH RELATED TO AN EXPERIMENTAL TEST OF GENERAL RELATIVITY SEMIANNUAL STATUS REPORT, 1 JAN. - 30 JUN. 1966.
N66-34867 20J S04 19 HC$ 2.00 MF$ 0.50

KNOPOFF, L.
THE EFFECT OF INITIAL STRESS OR RESIDUAL STRESS ON ELASTIC ENERGY CALCULATIONS.
AD-641 859 8K T66 24

KNOTT, S. T.
INSTRUCTION MANUAL FOR PRECISION GRAPHIC RECORDER (PGR),
AD-255 169 19M U41 24 HC$ 14.00

KNOX, R. S.
DIRECT RADIATIVE EXCITON-EXCITON ANNIHILATION,
AD-641 811 7E T66 24

KNUTSON, H. C.
A SUMMARY OF OPERATIONAL RESEARCH IN THE NAVAL AIR TRAINING COMMAND.
AD-641 589 5I T66 24 HC$ 12.60 MF$ 0.75

PRELIMINARY VALIDATION OF THE INSTRUCTORS EVALUATION REPORT.
AD-641 591 5I T66 24 HC$ 2.00 MF$ 0.50

SUPPLEMENTARY REPORT ON PROJECT ON PRE-FLIGHT GRADES,
AD-641 592 5I T66 24 HC$ 1.00 MF$ 0.50

KOBAYASHI, S.
THE INFLUENCE OF THE BOUNDARY CONDITIONS ON THE BUCKLING LOAD OF CYLINDRICAL SHELLS UNDER AXIAL COMPRESSION,
N66-33465 20K S04 19 HC$ 2.00 MF$ 0.50

KOBETT, D. R.
FLUTTER OF MULTIPLE-STREAMWISE BAY RECTANGULAR PANELS AT LOW SUPERSONIC MACH NUMBER.
N66-33024 20K S04 19 HC$ 2.00 MF$ 0.50

KOFSKEY, M. G.
PERFORMANCE EVALUATION OF A TWO-STAGE TURBINE DESIGNED FOR A RATIO OF BLADE SPEED TO JET SPEED OF 0.146.
N66-33341 21E S04 19 HC$ 2.00 MF$ 0.50

KOHLER, W.
THE SYNTHESIS OF NETWORKS CONTAINING LUMPED AND DISTRIBUTED ELEMENTS. PARTS I AND II.
AD-641 898 9E T66 24 HC$ 4.00 MF$ 0.75

KOLCHIN, E. K.
OSCILLATOR STRENGTHS AND HIGH ACCURACY WAVE FUNCTIONS FOR NEUTRAL HELIUM.
N66-33385 20J S04 19 HC$ 1.00 MF$ 0.50

KONDRASHKOV, YU. A.
AN EXPRESSION FOR THE BURNING VELOCITY IN SIMULTANEOUS HOMOGENEOUS AND HETEROGENEOUS REACTIONS,
AD-641 865 21B T66 24 HC$ 1.00 MF$ 0.50

KONDRATYEV, K. YA.
SPECTRAL ALBEDO OF NATURAL GROUNDS,
N66-33701 4A S04 19 HC$ 2.00 MF$ 0.50

KONYUKHOV, V. K.
POPULATION INVERSION IN ADIABATIC EXPANSION OF A GAS MIXTURE,
AD-641 863 7D T66 24 HC$ 1.00 MF$ 0.50

KOSHEL, R. D.
NUCLEON SINGLE-PARTICLE LEVELS IN A DIFFUSE NONLOCAL POTENTIAL WELL.
AD-641 542 20H T66 24

KOVALA, PAAVO E.
COMPUTATION OF PHYTOPLANKTON CELL NUMBERS, CELL VOLUME, CELL SURFACE AND PLASMA VOLUME PER LITER, FROM MICROSCOPICAL COUNTS,
AD-641 769 8A T66 24

KOVAL, I. K.
PHYSICS OF THE MOON AND THE PLANETS,
N66-33526 3B S04 19 HC$ 4.00 MF$ 1.00

KRAFT JR, C. C.
FLIGHT MEASUREMENTS OF SOME OF THE FLYING QUALITIES AND STABILITY DERIVATIVES OF A SUPERSONIC FIGHTER AIRPLANE,
N66-34078 1B S04 19 HC$ 2.50 MF$ 0.75

KRAFT, J. E.
AEROBEE 150 STRUCTURAL AND AERODYNAMIC PITCH COUPLING.
N66-39489 22A S04 23 HC$ 2.50 MF$ 0.50

KRALL, A. M.
ROOT LOCUS DIAGRAMS BY DIGITAL COMPUTER,
N66-33462 12A S04 19 HC$ 2.00 MF$ 0.50

KRASINSKY, J. B.
DENSITY, VAPOR PRESSURE, AND VISCOSITY OF SOLUTIONS OF HYDRAZINE MONONITRATE IN HYDRAZINE,
N66-38789 7D S04 23 HC$ 1.00 MF$ 0.50

KRASNOGOR, LESTER J.
THE STUDY OF MAN DURING A 56-DAY EXPOSURE TO AN OXYGEN-HELIUM ATMOSPHERE AT 258 MM. HG. TOTAL PRESSURE. XII. CLINICAL OBSERVATIONS,
AD-641 953 6S T66 24

KRAWEC, R.
STEADY-STATE COMPOSITION OF A LOW-DENSITY NONEQUILIBRIUM HYDROGEN PLASMA.
N66-38137 20I S04 23 HC$ 1.00 MF$ 0.50

KRINSKY, S.
A NEW CLASS OF TRAPPED LIGHT FILAMENTS.
N66-33863 20E S04 19 HC$ 1.00 MF$ 0.50

KROGER, H. H.
DEVELOPMENT OF IMPROVED CADMIUM ELECTRODES FOR SEALED SECONDARY BATTERIES FINAL REPORT.
N66-37880 10C S04 23 HC$ 2.50 MF$ 0.50

KROHN, KENNETH
NETS OF THRESHOLD ELEMENTS,
AD-641 941 9B T66 24

KROTKOV, E. I.
ON CORRECTIONS FOR GRAVITY DURING LEVELING IN A HIGH-MOUNTAIN REGION.
AD-641 757 8E T66 24 HC$ 1.00 MF$ 0.50

KRUEGER, JOHN W.
COMPOUNDS TO CHANGE COLOR WITH ENVIRONMENTAL CHANGE.
AD-453 658 15G U41 24 HC$ 2.00

KRUGLYKH, A. A.
VAPOR PRESSURE IN SOLID YTTRIUM,
N66-33677 20M S04 19 HC$ 1.00 MF$ 0.50

KRUSZEWSKI, E. T.
EFFECT OF TARGET MATERIAL YIELD STRENGTH ON HYPERVELOCITY PERFORATION AND BALLISTIC LIMIT,
N66-33369 20K S04 19 MF$ 0.50

KUEHNEGGER, W.
A STUDY OF MAN S PHYSICAL CAPABILITIES ON THE MOON. VOLUME I, PART 1 - LUNAR GRAVITY SIMULATION FACILITY,
N66-38494 14B S04 23 HC$ 2.00 MF$ 0.50

N66-38794 14B S04 23 HC$ 2.00 MF$ 0.50

A STUDY OF MAN S PHYSICAL CAPABILITIES ON THE MOON. VOLUME II, PART 1 - BIOMECHANICS RESEARCH PROGRAM.
N66-38796 6B S04 23 HC$ 4.25 MF$ 2.00

A STUDY OF MAN S PHYSICAL CAPABILITIES ON THE MOON. VOLUME II, PART 2 - BIOMECHANICS RESEARCH PROGRAM APPENDICES.
N66-38797 6B S04 23 HC$ 4.25 MF$ 2.00

A STUDY OF MAN S PHYSICAL CAPABILITIES ON THE MOON. VOLUME III - WORK PHYSIOLOGY RESEARCH PROGRAM.
N66-38798 6B S04 23 HC$ 4.25 MF$ 2.00

KUENZI, EDWARD W.
STRESSES INDUCED IN A SANDWICH PANEL BY LOAD APPLIED AT AN INSERT,
AD-61 585 13M U41 24 HC$ 2.00

KUESER, P. E.
DEVELOPMENT AND EVALUATION OF MAGNETIC AND ELECTRICAL MATERIALS CAPABLE OF OPERATING IN THE 800 DEG TO 1600 DEG F TEMPERATURE RANGE THIRD QUARTERLY REPORT, 1 JUN. - 31 AUG. 1965.
N66-32924 13M S04 19 HC$ 3.75 MF$ 1.25

KUHN, LESTER P.
CATALYTIC REACTIONS OF HYDRAZINE,
AD-641 345 7B T66 24 HC$ 1.00 MF$ 0.50

KUH, ERNEST S.
STABILITY OF LINEAR TIME-VARYING NETWORKS--THE STATE SPACE APPROACH.
AD-641 713 9E T66 24

KULIN, GERSHON
HYDRAULIC RESEARCH IN THE UNITED STATES 1966,
NBS-MP-280 8M U41 24 HC$ 1.50 MF$ 1.25

KUNTSON, W. C.
THE DEVELOPMENT OF AVIATION TRAINING SYLLABUS MATERIAL.
AD-641 595 5I T66 24 HC$ 2.00 MF$ 0.50

KUPPINGER, K. E.
DIRECT AMMONIA-AIR FUEL CELL.
AD-445 865 10A U41 24 HC$ 5.00

KUREHALS, P. R.
A SYSTEM FOR INERTIAL EXPERIMENT POINTING AND ATTITUDE CONTROL.
N66-32957 17G S04 19 HC$ 2.50 MF$ 0.75

KURMANSHEV, SH. D.
INFRARED QUENCHING OF THE PHOTOVOLTAIC EFFECT IN CADMIUM SULFIDE.
N66-33685 20L S04 19 HC$ 1.00 MF$ 0.50

KURTZ JR, P.
AN INVESTIGATION OF CERAMICS AS STRUCTURAL MATERIALS.
N66-38752 20K S04 23 HC$ 1.00 MF$ 0.50

KURTZ, T. E.

SHORT-CUT MULTIPLE COMPARISONS FOR BALANCED SINGLE AND DOUBLE CLASSIFICATIONS. PART 2. DERIVATIONS AND APPROXIMATIONS,
AD-641 845 12A T66 24

KUSHNER, HAROLD J.
A NOTE ON THE MAXIMUM SAMPLE EXCURSIONS OF STOCHASTIC APPROXIMATION PROCESSES,
AD-641 864 12A T66 24

KUTUZOV, A. A.
USE OF THE METHOD OF REMOVAL CROSS SECTION FOR THE COMPUTATION OF SHIELDING NOT CONTAINING HYDROGEN,
N66-33723 18F S04 19 HC$ 1.00 MF$ 0.50

KUZENKOVA, M. A.
INVESTIGATION OF THE OXIDATION RESISTANCE OF ZIRCONIUM BORIDE-MOLYBDENUM DISILICIDE ALLOYS,
AD-641 930 11F T66 24 HC$ 1.00 MF$ 0.50

KUZIMENKO, A. L.
THE VAPOR COMPOSITION IN THE HALIDE SYSTEMS OF CERTAIN ALKALI AND ALKALI EARTH METALS,
N66-33721 7B S04 19 HC$ 1.00 MF$ 0.50

LA BONTE, A. E.
DESIGN OF AN AUTOMATED STELLAR PROPER MOTION MEASURING SYSTEM, 1 JULY 1965 - 30 JUNE 1966,
N66-33399 3A S04 19 HC$ 4.00 MF$ 1.00

LA RUE, E. F.
STUDY OF CONTAMINATION SENSORS, VOLUME II - FINAL TECHNICAL REPORT,
N66-37943 14B S04 23 HC$ 7.00 MF$ 2.00

STUDY OF CONTAMINATION SENSORS, VOLUME I - EXECUTIVE SUMMARY REPORT,
N66-37944 14B S04 23 HC$ 2.00 MF$ 0.50

LA SALLE, J. P.
ASYMPTOTIC STABILITY OF SAMPLED NONLINEAR SYSTEMS WITH VARIABLE SAMPLING PERIODS -- A BIONIC APPLICATION DISCUSSION,
N66-33438 12A S04 19 HC$ 1.00 MF$ 0.50

LACOURSE, WILLIAM C.
MECHANISMS OF ATTACK ON GLASSES IN AQUEOUS MEDIA,
AD-641 500 11B T66 24 HC$ 3.00 MF$ 0.75

LAIRD, J. M.
THE EIGENVALUE PROBLEM FOR BEAMS AND RECTANGULAR PLATES WITH LINEARLY VARYING IN-PLANE AND AXIAL LOAD,
N66-33025 20K S04 19 HC$ 2.00 MF$ 0.50

LAKSHMIKANTHAM, V.
VECTOR LYAPUNOV FUNCTIONS AND CONDITIONAL STABILITY,
AD-641 881 12A T66 24

LAMBERTH, ROY L.
UPPER WIND CORRELATIONS IN THE CENTRAL ROCKY MOUNTAINS,
AD-641 668 4B T66 24 HC$ 2.00 MF$ 0.50

LAMB, JAMES R.
4-HYDROXYBUTYRATE AS AN ANESTHETIC AGENT FOR THE RAT,
AD-641 999 6D T66 24

LAMB, W. L.
STUDY OF MAN DURING A 56-DAY EXPOSURE TO AN OXYGEN-HELIUM ATMOSPHERE AT 258 MM. HG TOTAL PRESSURE. XI. ORAL, CUTANEOUS, AND AEROSOL BACTERIOLOGIC EVALUATION,
AD-641 816 6S T66 24

LAMPERT, PETER W.
LEAD ENCEPHALOPATHY,
AD-641 838 6E T66 24

LAMPKIN, R. J.
AIRBORNE OMEGA RECEIVER,
AD-481 365 17B U41 24 HC$ 2.60 MF$ 0.50

LAM, C. S.
OPERATOR AND GENERALIZED GAUGE TRANSFORMATIONS IN QUANTUM ELECTRODYNAMICS,
AD-641 616 20J T66 24

FEYNMAN RULES AND FEYNMAN INTEGRALS FOR SYSTEM WITH HIGHER-SPIN FIELDS,
AD-641 617 20J T66 24

LANEY, R. D.
MICROMINIATURE CRYSTAL UNIT TYPE CR-(XM-47)/U PRODUCTION ENGINEERING MEASURE,
AD-641 461 9E T66 24 HC$ 1.00 MF$ 0.50

LANGE, EILEEN
COMBAT RECOGNITION REQUIREMENTS,
AD-641 850 5I T66 24 HC$ 10.60 MF$ 0.75

LANGHOFF, P. W.
APPROXIMATIONS TO HARTREE-FOCK PERTURBATION THEORY,
AD-641 486 7D T66 24

LANKSTON, L. R.
CHEMICAL RIGIDIZATION OF EXPANDABLE STRUCTURES,
AD-484 442 13M U41 24 HC$ 4.00 MF$ 0.75

LAPITSKIY, A. V.
THE PROBLEM OF THE VOLATILITY OF NIOBIUM OXIDES,
N66-33681 7D S04 19 HC$ 1.00 MF$ 0.50

LAREW, W. GORDON
BIBLIOGRAPHY ON EARTH MOVEMENT,
AD-641 716 8M T66 24 HC$ 6.00 MF$ 1.25

LARMIE, F.
A STUDY OF MAN S PHYSICAL CAPABILITIES ON THE MOON, VOLUME I, PART 2 - INSTRUMENTATION,
N66-38795 6B S04 23 HC$ 2.00 MF$ 0.50

LAROCK, BRUCE E.
A NONLINEAR THEORY FOR FULLY CAVITATING FLOWS PAST AN INCLINED FLAT PLATE,
AD-641 708 13J T66 24 HC$ 4.00 MF$ 0.75

LARRANCE, JERRY D.
COMPUTATION OF PHYTOPLANKTON CELL NUMBERS, CELL VOLUME, CELL SURFACE AND PLASMA VOLUME PER LITER, FROM MICROSCOPICAL COUNTS,
AD-641 769 8A T66 24

LASSETTRE, EDWIN N.
POWER SERIES REPRESENTATION OF GENERALIZED OSCILLATOR STRENGTHS,
AD-641 449 20M T66 24

WEAK TRANSITIONS IN EXCITATION OF N2 BY ELECTRON IMPACT AND COMPARISON WITH EXCITATION BY ABSORPTION OF RADIATION,
AD-641 454 7D T66 24

LAURENCE, J. C.
A SUPERCONDUCTING MAGNETIC BOTTLE,
N66-37811 20C S04 23 HC$ 1.00 MF$ 0.50

LAWVERE, F. WILLIAM
AN ELEMENTARY THEORY OF THE CATEGORY OF SETS,
AD-641 629 12A T66 24

LAYTON JR, G. P.
FLIGHT TESTS OF A WIDE-ANGLE, INDIRECT OPTICAL VIEWING SYSTEM IN A HIGH- PERFORMANCE JET AIRCRAFT,
N66-38800 5H S04 23 HC$ 2.00 MF$ 0.50

LE MEHAUTE, BERNARD
MODIFICATION OF WAVE SPECTRA ON THE CONTINENTAL SHELF AND IN THE SURF ZONE,
AD-641 849 8C T66 24 HC$ 4.00 MF$ 0.75

LEBOWITZ, JOEL L.
RIGOROUS TREATMENT OF THE VAN DER WAALS-MAXWELL THEORY OF THE LIQUID-VAPOR TRANSITION,
AD-641 632 20M T66 24

PROPERTIES OF LATTICE AND CONTINUUM VAN DER WAALS FLUIDS AT THE CRITICAL POINT,
AD-641 633 20M T66 24

LEES, G. M.
IRRADIATION DAMAGE IN MILD STEEL. A COMPARISON OF CRACK ARREST TEST AND CHARPY CRITERIA AND THE INFLUENCE OF NEUTRON SPECTRUM,
N66-37780 18H S04 23 HC$ 2.00 MF$ 0.50

LEE, B. J.
SOLID PROPELLANT ROCKET MOTOR PERFORMANCE COMPUTER PROGRAMS USING THE GROUP TRANSFORMATION METHOD,
N66-38417 21H S04 23 HC$ 3.00 MF$ 1.00

LEE, DAVID A.
URINARY LACTIC ACID DEHYDROGENASE ACTIVITY IN THE DIAGNOSIS OF UROLOGIC NEOPLASMS,
AD-641 376 6E T66 24

LEE, FAITH
INTEGRATED CIRCUITS FOR FIELDATA COMPUTERS,
AD-641 943 9A T66 24 HC$ 1.00 MF$ 0.50

LEE, R. C.
TELEMETRY PROCESSING FOR NASA SCIENTIFIC SATELLITES,
N66-33013 9F S04 19 HC$ 1.00 MF$ 0.50

LEE, R. S.
TEN-BIT ANALOG-TO-DIGITAL CONVERTER,
N66-38416 9C S04 23 HC$ 1.00 MF$ 0.50

LEFFORD, ARTHUR
PRELIMINARY STUDIES OF DETECTION TIME AND OTHER FACTORS INVOLVED IN AEW PERFORMANCE,
AD-641 446 17I T66 24 HC$ 2.00 MF$ 0.50

FUNCTIONAL RELATIONSHIP OF TIME DENSITY TO THE DETECTION OF DISCRETE RADAR TARGET EVENTS,
AD-641 452 17I T66 24 HC$ 2.00 MF$ 0.50

LEIBOLD, J. W.
FATIGUE OF PLATES AND WELDMENTS IN HY-100 AND HY-130/150 STEELS,
AD-480 198 20K U41 24 HC$ 4.00 MF$ 0.75

LEICKNAM, JEAN-PIERRE
ETUDE COMPAREE PAR SPECTROMETRIE INFRA-ROUGE DU COMPORTEMENT DE GROUPEMENTS Y-H ET Y-D. FREQUENCES DE VALENCE ET CONSTANTES D ASSOCIATION MOLECULAIRE (COMPARATIVE STUDY OF INFRA-RED SPECTROMETRY OF THE BEHAVIOUR OF Y-H AND Y-D GROUPS. VALENCIES FREQUENCY AND MOLECULAR ASSOCIATION CONSTANTS).
PB-173 383 7D U41 24 HC$ 4.00 MF$ 0.75

LEIPOLD, M. H.
SURFACE ABSORPTION IN MAGNESIUM OXIDE,
N66-33769 7B S04 19 HC$ 1.00 MF$ 0.50

LEITNAKER, FRANK C.

IONIZING RADIATION, INJURY, PREVENTION AND TREATMENT.
AD-641 880 6R T66 24 HC$ 2.00 MF$ 0.50

LENSCHOW, ROLF J.
A PRACTICAL ANALYSIS OF THE ANCHORAGE ZONE PROBLEM IN PRESTRESSED BEAMS.
PB-173 409 20K U41 24 HC$ 3.00 MF$ 0.50

LEONARD, E. L.
RANGE SAFETY DATA FOR SATURN SA-10.
N66-32794 22D S04 19 HC$ 2.50 MF$ 0.75

LERNER, LAWRENCE S.
INVESTIGATION AND DEVELOPMENT OF SEMICONDUCTOR-METAL CATHODES.
AD-641 614 9A T66 24 HC$ 3.00 MF$ 0.75

LEVINE, MORTON A.
ENERGY TRANSFER FROM A TEST ELECTRON TO A COLLISIONLESS PLASMA.
AD-641 639 20I T66 24 HC$ 2.00 MF$ 0.50

LEVINE, SUMNER N.
MECHANISMS OF ATTACK ON GLASSES IN AQUEOUS MEDIA.
AD-641 500 11B T66 24 HC$ 3.00 MF$ 0.75

ENZYME AMPLIFIER KINETICS.
AD-641 871 6P T66 24

LEVIN, A. A.
ON OPERATION OF PUMPS AND BLOWERS UNDER REDUCED FEED REGIMES.
AD-641 856 20D T66 24 HC$ 1.00 MF$ 0.50

LEVIN, E. G.
DATA PROCESSING OF LUNAR INFRARED MEASUREMENTS AT HIGH SPATIAL AND RADIOMETRIC RESOLUTION TO OBTAIN BRIGHTNESS TEMPERATURES SCIENTIFIC REPORT NO. 9.
N66-33394 3A S04 19 HC$ 3.00 MF$ 0.75

LEVIN, V. V.
USE OF THE METHOD OF REMOVAL CROSS SECTION FOR THE COMPUTATION OF SHIELDING NOT CONTAINING HYDROGEN.
N66-33723 18F S04 19 HC$ 1.00 MF$ 0.50

LEVY, MARVIN E.
SOLID PROPELLANTS FOR SMALL ARMS AMMUNITION A REVIEW AND RECOMMENDED RESEARCH.
AD-491 179 19F U41 24 HC$ 5.60

LEWIS, EVELYN E.
DIRECT FLUORESCENT LABELING OF MICROORGANISMS AS A POSSIBLE LIFE-DETECTION TECHNIQUE.
AD-641 936 6M T66 24

LEWIS, E.
PRESSURIZATION OF LIQUID OXYGEN CONTAINERS PROGRESS REPORT NO. 7, NOV. 1963 - NOV. 1964.
N66-33180 20M S04 19 HC$ 3.00 MF$ 0.75

LEWIS, JOHN W.
COLOR NAMES AND RESPONSE CRITERIA FOR THE E56 CHEMICAL DETECTOR KIT.
AD-481 668 15B U41 24 HC$ 1.00 MF$ 0.50

LEWIS, LLOYD FREDERICK
SPEED OF SOUND IN UNCONSOLIDATED SEDIMENTS OF BOSTON HARBOR, MASSACHUSETTS.
AD-641 392 28A T66 24 HC$ 3.00 MF$ 0.75

LEW, M.
STABILIZATION OF MONETHANOLAMINE WITH COPPER SULFATE AND POTASSIUM IODIDE IN THE MARE ISLAND CO2 SCRUBBER.
AD-209 742 13J U41 24 HC$ 1.00

LEYME, E. W.
THERMODYNAMIC, TRANSPORT, AND FLOW PROPERTIES FOR THE PRODUCTS OF METHANE BURNED IN OXYGEN-ENRICHED AIR.
N66-37802 21B S04 23 HC$ 2.50 MF$ 0.75

LEYLAND, M. F.
DATA PROCESSING OF LUNAR INFRARED MEASUREMENTS AT HIGH SPATIAL AND RADIOMETRIC RESOLUTION TO OBTAIN BRIGHTNESS TEMPERATURES SCIENTIFIC REPORT NO. 9.
N66-33394 3A S04 19 HC$ 3.00 MF$ 0.75

LICATA, A.
PRODUCTION ENGINEERING MEASURE FOR 50-AMPERE SILICON POWER TRANSISTORS.
AD-641 411 9A T66 24 HC$ 2.00 MF$ 0.50

LIEBERMANN, ROBERT C.
EXCITATION OF SURFACE WAVES BY THE UNDERGROUND NUCLEAR EXPLOSION LONG SHOT.
AD-642 002 8K T66 24

LIEBERMAN, J. J.
UNLIMITED SIMULTANEOUS DISCRIMINATION INTERVALS IN REGRESSION TECHNICAL REPORT NO. 90.
N66-33401 12A S04 19 HC$ 2.00 MF$ 0.50

LIEB, D.
OPTIMUM ELECTRODE CAVITIES FOR THERMIONIC ENERGY CONVERTERS.
AD-641 432 10B T66 24 HC$ 3.00 MF$ 0.75

LINCOLN, RALPH E.
PATHOPHYSIOLOGY OF ANTHRAX.
AD-641 933 6E T66 24

STREPTOMYCIN INHIBITION OF ELABORATION OF STAPHYLOCOCCAL ENTEROTOXIC PROTEIN.
AD-641 950 6M T66 24

LINDBERG, R. G.
INVESTIGATION OF PEROGNATHUS AS AN EXPERIMENTAL ORGANISM FOR RESEARCH IN SPACE BIOLOGY PROGRESS REPORT, 1 APR. - 30 JUN. 1966.
N66-34072 6F S04 19 HC$ 1.00 MF$ 0.50

LINDQUIST, R. W.
A VARIATIONAL PRINCIPLE FOR A ROTATING RELATIVISTIC FLUID.
AD-641 730 20D T66 24

LINK, R. F.
SHORT-CUT MULTIPLE COMPARISONS FOR BALANCED SINGLE AND DOUBLE CLASSIFICATIONS. PART 2. DERIVATIONS AND APPROXIMATIONS.
AD-641 845 12A T66 24

LIN, SHU
ON THE BURST-ERROR-CORRECTING RECURRENT CODES.
AD-641 562 9D T66 24 HC$ 2.00 MF$ 0.50

LIN, S.
SOME RESULTS ON CYCLIC CODES WHICH ARE INVARIANT UNDER THE AFFINE GROUP.
AD-641 561 9D T66 24 HC$ 3.00 MF$ 0.50

LITTLES, J. W.
EXPERIMENTAL TRANSIENT THREE-DIMENSIONAL HEAT TRANSFER ANALYSIS.
N66-32715 20M S04 19 HC$ 2.50 MF$ 0.75

LIU, C. J.
REFRACTIVE INDEX OF CALCIUM OXIDE.
AD-641 787 20B T66 24

LIU, C. K.
MEASUREMENT OF OXYGEN TENSION AND SATURATION IN THE DIAGNOSIS OF RENAL ISCHEMIC HYPERTENSION.
AD-641 375 6E T66 24

LLINAS, J.
TEMPERATURE AND DENSITY MEASUREMENTS IN THE BASE REGION OF A CLUSTERED ROCKET MODEL USING AN ELECTRON BEAM TECHNIQUE.
N66-34045 21M S04 19 HC$ 4.00 MF$ 1.00

LLOYD, KENNETH E.
SHORT-TERM RETENTION AS A RATIO OF AVERAGE STORAGE LOAD TO AVERAGE LOAD REDUCTION.
AD-641 382 5J T66 24

LOCKWOOD, V. E.
LOW-SPEED WIND-TUNNEL STUDIES RELATING TO PITCH-UP ON A SUPERSONIC TRANSPORT MODEL WITH A HIGH-ASPECT-RATIO VARIABLE SWEEP WING.
N66-33020 1C S04 19 HC$ 3.00 MF$ 0.75

GROUND EFFECTS RELATED TO LANDING OF AIRPLANES WITH LOW-ASPECT-RATIO WINGS.
N66-38138 1B S04 23 HC$ 1.00 MF$ 0.50

LOEWENSTEIN, M.
PHOTOEXCITED ELECTRON CAPTURE BY IONIZED AND NEUTRAL SHALLOW IMPURITIES IN SILICON AT LIQUID-HELIUM TEMPERATURES.
AD-641 547 20L T66 24

LOFERSKI, J. J.
PHOTOVOLTAIC EFFECT AND UTILIZATION OF PHOTOVOLTAIC CELLS - EFFECT OF SUB-THRESHOLD ELECTRON RADIATION ON SURFACE PROPERTIES OF GE P-V CELLS SECOND SEMIANNUAL REPORT, 1 NOV. 1965 - 31 MAY 1966.
N66-33388 10A S04 19 HC$ 2.00 MF$ 0.50

LOHRMANN, MANFRED
EFFECT OF STRAIN RATE ON THE YIELD STRESS OF STRUCTURAL STEELS.
PB-173 413 11F U41 24 HC$ 1.00 MF$ 0.50

LONTAI, LASZLO
A 100 KILOGAUSS QUASI-CONTINUOUS CRYOGENIC SOLENOID. PART I.
AD-641 920 9A T66 24 HC$ 1.00 MF$ 0.50

LOTKIN, M.
SUPERSONIC FLOW OF AIR AROUND CORNERS.
AD-641 343 20D T66 24 HC$ 1.60 MF$ 0.50

LOURO, JOSE M.
CHROMOSOMAL DAMAGE IN HUMANS PRODUCED BY X-IRRADIATION.
AD-641 505 6R T66 24 HC$ 1.00 MF$ 0.50

LOVELL, D. T.
STATE-OF-THE-ART SURVEY OF DISSIMILAR METAL JOINING BY SOLID STATE WELDING.
N66-32787 13H S04 19 HC$ 2.00 MF$ 0.50

LOVETT, STANLEY
RAPID CHANGES IN BACTERIA FOLLOWING INTRODUCTION INTO HYPERTONIC MEDIA.
AD-641 948 6M T66 24

LOVE, N.
MAGNETIC AND CALORIC PROPERTIES OF K3MOCL6.
AD-641 549 20L T66 24

LOVE, N. D.
FURTHER EVIDENCE FOR A MAGNETIC TRANSITION IN MNCL2.(NH2)2CS)4.
AD-641 550 20L T66 24

MAGNETIC TRANSITION IN THIOUREA-COORDINATED COBALT CHLORIDE.

AD-641 551 20L T66 24

LOVIE, PETER M.
BIBLIOGRAPHY ON EARTH MOVEMENT,
AD-641 716 8M T66 24 HC$ 6.00 MF$ 1.25

LOWENGRUB, M.
A TWO-DIMENSIONAL CRACK PROBLEM,
AD-641 555 20K T66 24

SOME DUAL TRIGONOMETRIC EQUATIONS WITH AN APPLICATION TO ELASTICITY,
AD-641 557 20K T66 24

LUBICK, R. J.
INVESTIGATION OF INJECTORS FOR A LOW-CHAMBER- PRESSURE HYDROGEN-FLUORINE ROCKET ENGINE,
N66-33333 21H S04 19 HC$ 2.00 MF$ 0.50

LUBIN, ARDIE
THE EVOKED HEART RATE RESPONSE DURING SLEEP,
AD-641 513 6P T66 24

LUCY, M. H.
VARIABLE DYNAMIC FORCE VECTOR ROCKET TEST APPARATUS,
N66-33424 14B S04 19 HC$ 1.00 MF$ 0.50

LUDLUM, R.
GROUND-TRUTH RESEARCH FOR AN AIRBORNE MULTISENSOR SURVEY PROGRAM,
AD-641 894 8B T66 24 HC$ 3.00 MF$ 0.75

LUDWIG, C. B.
PREDICTION OF TOTAL EMISSIVITY OF NITROGEN- BROADENED AND SELF-BROADENED HOT WATER VAPOR,
N66-38114 20M S04 23 HC$ 2.00 MF$ 0.50

LUEST, R.
MOTION OF ARTIFICIAL ION CLOUDS IN THE UPPER ATMOSPHERE,
N66-38343 4A S04 23 HC$ 2.00 MF$ 0.50

LUI, K.
PULSED GAS CHROMATOGRAPHIC SEPARATION FINAL REPORT,
N66-38086 7A S04 23 HC$ 4.00 MF$ 1.00

LUKACS, EUGENE
CHARACTERIZATION PROBLEMS FOR DISCRETE DISTRIBUTIONS,
AD-641 690 12A T66 24

LUKIN, A. V.
BLEACHING MECHANISM OF ORGANIC PHOTOTROPIC SUBSTANCES USED IN RUBY LASERS AS SWITCHES,
AD-641 876 20E T66 24 HC$ 1.00 MF$ 0.50

LUNDSTROM, T. E.
A THEORY FOR MOLECULAR TRANSPORT PHENOMENA THROUGH THIN MEMBRANES,
N66-37825 6A S04 23 HC$ 5.00 MF$ 0.75

LUNDWALL, LAWRENCE K,
FEAR OF FAILURE AND COGNITIVE CONTROLS,
AD-641 891 5J T66 24 HC$ 2.00 MF$ 0.50

LUNSFORD, J. H.
FORMATION OF CO2 RADICAL IONS WHEN CO2 IS ADSORBED ON IRRADIATED MAGNESIUM OXIDE,
N66-33166 7C S04 19 HC$ 1.00 MF$ 0.50

LUO, H. L.
ORDER-DISORDER TRANSFORMATIONS AT 2 1 COMPOSITION IN THE CADMIUM-MERCURY SYSTEM,
AD-641 798 20B T66 24

SUPERCONDUCTING TRANSITION TEMPERATURES OF MERCURY-ALKALINE EARTH METAL COMPOUNDS,
AD-641 799 20C T66 24

SUPERCONDUCTIVITY IN THE ALLOY SYSTEM CADMIUM-MERCURY AND THE EFFECT OF ORDERING UPON SUPERCONDUCTIVITY,
AD-641 802 20C T66 24

LUTZ, MICHELE
DESCRIPTION D UN DISPOSITIF PERMETTANT LA CONTAMINATION D ANIMAUX DE LABORATOIRE PAR INHALATION D AEROSOLS RADIOACTIFS (DEVICE FOR CONTAMINATING LABORATORY ANIMALS BY INHALATION OF RADIOACTIVE AEROSOLS),
PB-173 384 6R U41 24 HC$ 2.00 MF$ 0.50

LVOVA, O. F.
ULTRA-WEAK LUMINESCENCE AND OXIDATIVE PHOSPHORYLATION IN MITOCHONDRIA,
AD-641 425 6A T66 24 HC$ 1.00 MF$ 0.50

LVOV, K. M.
ON THE EXISTENCE OF FREE RADICALS IN ENZYMATIC HYDROLYSIS OF ADENOSINE TRIPOSPHATE,
AD-641 425 6A T66 24 HC$ 1.00 MF$ 0.50

LYBRAND, WILLIAM A.
BASIC DEVELOPMENT ACCOMPLISHED ON WIDE-ANGLE, NONPROGRAMMED, VISUAL PRESENTATIONS. VOLUME I,
AD-227 192 9E U41 24 HC$ 14.60

LYNCH, J.
PROGRAMMING PRINCIPLES FOR THE IBM RELAY CALCULATORS,
AD-641 346 9B T66 24 HC$ 9.60 MF$ 0.75

LYON, A. C.
MAINE TEST FOR DELETERIOUS MATERIAL IN AGGREGATES,
PB-173 362 13B U41 24 HC$ 2.60 MF$ 0.50

LYON, HARVEY W.
4-HYDROXYBUTYRATE AS AN ANESTHETIC AGENT FOR THE RAT,
AD-641 999 6D T66 24

LYSIAK, R. J.
NUCLEAR MAGNETIC RESONANCE STUDIES OF PURE AND SAMARIUM-DOPED CAF2 CRYSTALS,
AD-641 791 7D T66 24

MAARTENSE, I.
HIGH-FIELD ZEEMAN EFFECT MEASUREMENTS USING A SCANNING TECHNIQUE AND PULSED FIELDS,
AD-641 916 20L T66 24 HC$ 1.00 MF$ 0.50

MABSON, WILLIAM E.
STUDY OF MAN DURING A 56-DAY EXPOSURE TO AN OXYGEN-HELIUM ATMOSPHERE AT 258 MM. HG TOTAL PRESSURE. II. MAJOR AND MINOR ATMOSPHERIC COMPONENTS,
AD-641 819 6S T66 24

MACKENZIE, J. D.
IDENTIFICATION OF UNCOMMON NON-CRYSTALLINE SOLIDS AS REA GLASSES,
N66-33185 11B S04 19 HC$ 1.00 MF$ 0.50

MACK, J. J.
THE STRENGTH AND STIFFNESS OF NAILED JOINTS UNDER SHORT-DURATION LOADING,
PB-173 475 13M U41 24 HC$ 2.00 MF$ 0.50

MACLEOD, MALCOLM A.
DIFFUSION COEFFICIENTS IN THE UPPER ATMOSPHERE FROM CHEMILUMINOUS TRAILS,
AD-641 351 4A T66 24

MADDEN, R. P.
ON THE USE OF THERMOPILES FOR ABSOLUTE RADIOMETRY IN THE FAR ULTRAVIOLET,
N66-33178 20F S04 19 HC$ 2.00 MF$ 0.50

MADSON, CHARLES A.
NATURAL VENTILATION TEST OF AN ABOVEGROUND FALLOUT SHELTER IN CHICAGO, ILLINOIS,
AD-641 701 13M T66 24 MF$ 0.75

MAGDALENO, R.
PILOT DESCRIBING FUNCTION MEASUREMENTS IN A MULTILOOP TASK,
N66-33461 5M S04 19 HC$ 2.00 MF$ 0.50

MAGEE, C. L.
TRANSFORMATION KINETICS, MICROPLASTICITY AND AGING OF MARTENSITE IN FE-31 NI,
AD-641 428 11F T66 24 HC$ 7.00 MF$ 1.50

MAGLIERI, D. J.
SONIC-BOOM MEASUREMENTS DURING BOMBER TRAINING OPERATIONS IN THE CHICAGO AREA,
N66-38415 1C S04 23 HC$ 2.00 MF$ 0.50

MAGNOLIA, L. R.
MANNED EXPLORATION, COLONIZATION AND EXPLOITATION OF THE LUNAR SURFACE A SELECTIVE BIBLIOGRAPHY,
AD-641 973 22A T66 24 HC$ 1.00 MF$ 0.50

MAHENDROO, P. P.
NUCLEAR MAGNETIC RESONANCE STUDIES OF PURE AND SAMARIUM-DOPED CAF2 CRYSTALS,
AD-641 791 7D T66 24

MAHLANDT, BILL G.
PATHOPHYSIOLOGY OF ANTHRAX,
AD-641 933 6E T66 24

MAIER, E.
THE DETERMINATION OF FLAME SPEED OF PENTABORANE-OXYGEN-NITROGEN MIXTURES,
AD-641 503 21B T66 24 HC$ 2.00 MF$ 0.50

MAITA, J. P.
THE OCCURRENCE OF SUPERCONDUCTIVITY IN SULFIDES, SELENIDES, TELLURIDES OF PT-GROUP METALS,
AD-641 793 20C T66 24

MAKI, KAZUMI
ENTROPY TRANSPORT BETWEEN TWO SUPERCONDUCTORS BY ELECTRON TUNNELING,
AD-641 781 20C T66 24

MALLETT, J. D.
DETECTION RANGE OF AN ACTIVE RADAR SEEKER,
AD-85 427 17I U41 24 HC$ 3.60

MALLIGO, JOHN E.
EVALUATION OF AN AUTOMATIC ELECTRONIC DEVICE FOR COUNTING BACTERIAL COLONIES,
AD-642 007 6M T66 24

MALLOZZI, PHILIP J.
STATISTICAL THEORY OF RADIATIVE PROCESSES IN PLASMAS,
AD-641 548 20I T66 24

MALVIN, HARRY H.
A PROCESS FOR THE CONTINUOUS FLOW, IN-LINE FRACTIONATION AND EXCHANGE OF VOLATILE SOLVENTS IN AUTOMATED CHEMISTRY,
AD-641 567 6A T66 24 HC$ 1.00 MF$ 0.50

METHIONINE-PYRIDOXINE AND AIRSICKNESS,
AD-641 568 6S T66 24 HC$ 1.00 MF$ 0.50

MANDRIOTA, FRANK J.
CLASSICAL CONDITIONING OF ELECTRIC ORGAN DISCHARGE RATE IN

MORMYRIDS.
AD-641 728 6C T66 24

MANHEIM, F. T.
SOVIET BOOKS AND PUBLICATIONS ON GEOLOGICAL AND CHEMICAL OCEANOGRAPHY, HYDROLOGY, AND OTHER SUBJECTS ACQUIRED DURING THE SECOND INTERNATIONAL OCEANOGRAPHIC CONGRESS, MOSCOW, JUNE 1966 TITLES AND SOME TRANSLATED CONTENTS AND NOTES.
AD-641 976 6J T66 24 MCS 2.81 MFS 0.50

MANIFOLD, GEORGE O.
A STUDY OF AN EXPERIMENTAL CONTINUOUSLY REINFORCED CONCRETE PAVEMENT, INTERSTATE NO. 59, JONES COUNTY, MISSISSIPPI.
PB-173 404 13B U41 24 MCS 5.00 MFS 1.00

MANNING, G. E.
RESEARCH AND STUDY OF ANALYTICAL TECHNIQUES FOR PREDICTING RELIABILITY OF FLIGHT-CONTROL SYSTEMS.
AD-449 419 1D U41 24 MCS 23.50

MANSON, D. J.
ANALYSIS OF ARGUS/EXPLORER IV RECORDS.
AD-463 240 18C U41 24 MCS 4.00

MANTEY, PATRICK E.
CONVERGENT AUTOMATIC-SYNTHESIS PROCEDURES FOR SAMPLED-DATA NETWORKS WITH FEEDBACK.
AD-455 745 9B U41 24 MCS 3.00

MARCUM, J. I.
A STATISTICAL THEORY OF TARGET DETECTION BY PULSED RADAR.
AD-101 287 17I U41 24 MCS 8.60

A STATISTICAL THEORY OF TARGET DETECTION BY PULSED RADAR MATHEMATICAL APPENDIX.
AD-101 882 17I U41 24 MCS 4.00

MARCUS, MARVIN
A SUBDETERMINANT INEQUALITY.
AD-641 554 12A T66 24

MARCUS, M. B.
LOCAL BEHAVIOR OF STATIONARY GAUSSIAN PROCESSES.
AD-641 323 12A T66 24 MCS 3.00 MFS 0.75

MARGENAU, HENRY
STATISTICAL THEORY OF RADIATIVE PROCESSES IN PLASMAS.
AD-641 548 20I T66 24

MARKARD, E.
SIGNAL ENHANCEMENT TECHNIQUES.
AD-641 413 9E T66 24 MCS 3.00 MFS 0.75

MARK, D. G.
RESEARCH AND STUDY OF ANALYTICAL TECHNIQUES FOR PREDICTING RELIABILITY OF FLIGHT-CONTROL SYSTEMS.
AD-449 419 1D U41 24 MCS 23.50

MARRAM, E. P.
TEMPERATURE DEPENDENCE OF CHLORINE NQR FREQUENCIES AND PI BONDING.
AD-641 544 7D T66 24

MARSCHALL, FREDERICK W.
VOR LOCALIZER (VORLOC).
AD-641 962 17G T66 24 MCS 1.00 MFS 0.50

MARSETTA, M.
STUDIES IN DISPLAY SYMBOL LEGIBILITY. PART XIV. THE LEGIBILITY OF MILITARY MAP SYMBOLS ON TELEVISION.
AD-641 658 5E T66 24 MCS 2.00 MFS 0.50

MARSH, E.
LUNAR SIMULATION MODEL AND OPTICAL STUDIES FOR LUNAR ORBITER SYSTEM SUPPORT.
N66-38493 14B S04 23 MCS 2.50 MFS 0.75

MARSTON, C. H.
STUDY OF RADIATION HEAT FLUX FROM HIGH PRESSURE AIR ARCS.
AD-454 992 20M U41 24 MCS 16.40

MARSTON, PETER
A CRYOGENIC MAGNET SYSTEM FOR QUASI-CONTINUOUS OPERATION.
AD-641 919 9A T66 24 MCS 1.00 MFS 0.50

A 100 KILOGAUSS QUASI-CONTINUOUS CRYOGENIC SOLENOID. PART I.
AD-641 920 9A T66 24 MCS 1.00 MFS 0.50

MARTIN, DEAN F.
A STUDY OF ORGANOMETALLIC-CHELATE COMPOUNDS.
AD-641 605 7B T66 24 MCS 1.00 MFS 0.50

MARTIN, H. C.
LARGE DEFLECTION AND STABILITY ANALYSIS BY THE DIRECT STIFFNESS METHOD.
N66-32725 20K S04 19 MCS 2.00 MFS 0.50

MASON, E. A.
HEAT CONDUCTIVITY OF POLYATOMIC AND POLAR GASES AND GAS MIXTURES.
N66-33184 20M S04 19 MCS 3.00 MFS 0.75

HIGHER-ORDER STATIONARY PHASE APPROXIMATIONS IN SEMICLASSICAL SCATTERING.
N66-33384 20M S04 19 MCS 2.00 MFS 0.50

COLLISION INTEGRALS FOR THE EXPONENTIAL ATTRACTIVE POTENTIAL.
N66-33415 20M S04 19 MCS 1.00 MFS 0.50

MASON, MARION
STUDY OF CHROMOTROPIC PROPERTIES OF COLORANTS.
AD-449 505 7C U41 24 MCS 3.00

MASS, J.
IONOSPHERIC RESEARCH USING SATELLITES ANNUAL SUMMARY REPORT.
N66-33523 4A S04 19 MCS 3.00 MFS 0.50

MASTENBROOK, H. J.
WATER VAPOR OBSERVATIONS AT LOW, MIDDLE, AND HIGH LATITUDES DURING 1964 AND 1965.
AD-641 577 4A T66 24 MCS 6.00 MFS 1.25

MATRANGA, G. J.
FLIGHT SIMULATED OFF-THE-PAD ESCAPE AND LANDING MANEUVERS FOR A VERTICALLY LAUNCHED HYPERSONIC GLIDER.
N66-33330 1B S04 19 MCS 2.00 MFS 0.50

MATTHIAS, B. T.
SUPERCONDUCTIVITY OF BARIUM TUNGSTEN BRONZE.
AD-641 789 20C T66 24

THE OCCURRENCE OF SUPERCONDUCTIVITY IN SULFIDES, SELENIDES, TELLURIDES OF PT-GROUP METALS.
AD-641 793 20C T66 24

ELECTRON DENSITY AND ELECTRONIC PROPERTIES IN NOBLE-METAL TRANSITION ELEMENTS.
AD-641 796 20C T66 24

SUPERCONDUCTIVITY OF BETA-URANIUM.
AD-641 801 20C T66 24

MAYER, ERIC
REALISATION D UN APPAREIL POUR DES MESURES D ORIENTATION NUCLEAIRE A BASSE TEMPERATURE. APPLICATION A L ALLIAGE NEODYME-COBALT (CONSTRUCTION OF AN APPARATUS FOR NUCLEAR ORIENTATION MEASUREMENTS AT LOW TEMPERATURES. APPLICATION TO NEODYMIUM-COBALT ALLOY).
PB-173 408 20L U41 24 MCS 3.00 MFS 0.75

MAYER, N. J.
STRUCTURAL APPLICATIONS FOR ADVANCED COMPOSITE MATERIALS.
N66-33172 20K S04 19 MCS 1.00 MFS 0.50

MAYES, NATHAN
DIELECTRIC MATERIALS FOR HIGH TEMPERATURE APPLICATION.
AD-338 257 11G U41 24 MCS 2.60

MAZENKO, J. J.
EFFECT OF TRANSISTOR DESIGN PARAMETERS ON RADIATION RESPONSE (POWER TRANSISTORS).
AD-641 406 9A T66 24 MCS 3.00 MFS 0.75

MAZZOLA, FRANK D.
MAINTAINABILITY DEMONSTRATION MIL-STD-471.
AD-641 365 5A T66 24 MCS 1.00 MFS 0.50

MC CAULEY, R.
SIMULATION OF ORGANISMIC MORPHOLOGY AND BEHAVIOR BY SYNTHETIC POLY-ALPHA-AMINO ACIDS.
N66-37894 6A S04 23 MCS 1.00 MFS 0.50

MC CENEY, P. J.
AN ERROR DETECTION AND CORRECTION APPROACH TO THE TIME DECODING PROBLEM.
N66-33014 9F S04 19 MCS 1.00 MFS 0.50

MC CULLOCH, W. S.
WHAT S IN THE BRAIN THAT INK MAY CHARACTER (QUES).
N66-33422 9F S04 19 MCS 1.00 MFS 0.50

MC DANELS, D. L.
ELECTRICAL RESISTIVITY AND CONDUCTIVITY OF TUNGSTEN-FIBER-REINFORCED COPPER COMPOSITES.
N66-33983 11F S04 19 MCS 1.00 MFS 0.50

MC DEVITT, J. B.
THE AERODYNAMIC CHARACTERISTICS OF SEVERAL THICK DELTA WINGS AT MACH NUMBERS TO 6 AND ANGLES OF ATTACK 90 DEG.
N66-33340 1A S04 19 MCS 3.00 MFS 0.75

MC DONALD, J. F.
STUDY OF CONTAMINATION SENSORS. VOLUME II - FINAL TECHNICAL REPORT.
N66-37943 14B S04 23 MCS 7.00 MFS 2.00

STUDY OF CONTAMINATION SENSORS. VOLUME I - EXECUTIVE SUMMARY REPORT.
N66-37944 14B S04 23 MCS 2.00 MFS 0.50

MC FALL JR, J. C.
DYNAMIC STABILITY INVESTIGATION OF TWO RIGHT CIRCULAR CYLINDERS IN AXIAL FREE FLIGHT AT MACH NUMBERS FROM 0.4 TO 1.7 FINENESS-RATIO- 2.56 CYLINDER AND FINENESS-RATIO-4.0 CYLINDER WITH FLARED AFTERBODY.
N66-33313 1A S04 19 MCS 2.00 MFS 0.50

MC GOVERN, W. E.
PROJECT MIAM INFORMAL REPORT, DEC. 1965 - MAY 1966.
N66-33437 1B S04 19 MCS 1.00 MFS 0.50

MC KEE, C. W.
PROJECT FIRE PHOTOGRAPHIC SUMMARY AND RECORD OF REENTRY PHENOMENA AT HYPERBOLIC VELOCITIES.
N66-38486 20M S04 23 MCS 2.50 MFS 0.75

MC LAUGHLIN, M. D.
FLIGHT MEASUREMENTS OF SOME OF THE FLYING QUALITIES AND STABILITY DERIVATIVES OF A SUPERSONIC FIGHTER AIRPLANE.
N66-34678 1B S04 19 MCS 2.50 MFS 0.75

MC NEILL, W. E.
A SUMMARY OF RESULTS OBTAINED DURING FLIGHT SIMULATION OF SEVERAL AIRCRAFT PROTOTYPES WITH VARIABLE-STABILITY AIRPLANES.
N66-34081 1B S04 19 HC$ 2.50 MF$ 0.75

MC RUER, D. T.
PILOT DESCRIBING FUNCTION MEASUREMENTS IN A MULTILOOP TASK.
N66-33461 5H S04 19 HC$ 2.00 MF$ 0.50

MCCAFFERTY, R. M.
STRUCTURAL MODEL STUDY OF AN ELLIPTICALLY SHAPED ARCH, DOUBLE-CURVATURE, CONCRETE DAM,
PB-173 481 13M U41 24 HC$ 3.00 MF$ 0.50

MCCALL, J. J.
NOTES ON INCENTIVE CONTRACTING,
AD-641 336 5A T66 24 HC$ 2.00 MF$ 0.50

MCCARTY, R. C.
SOME ADDITIONAL THEOREMS FOR A NON-STATIONARY STOCHASTIC PROCESS WITH A CONTINUOUS, NON-RANDOM, TIME-DEPENDENT COMPONENT,
AD-405 338 12A U41 24 HC$ 4.60

MCCLUNEY, WILLIAM ROSS
AN INVESTIGATION OF SUBHARMONIC GENERATION IN AN ULTRASONIC RESONANT CAVITY,
AD-641 604 20A T66 24 HC$ 4.00 MF$ 0.75

MCCLURE, KENNETH
ORGANIZATION AND PRESENTATION OF IMAGE INTERPRETER REFERENCE AND AUXILIARY INFORMATION,
AD-641 326 5B T66 24 HC$ 4.00 MF$ 0.75

MCCORMAC, BILLY M.
AURORA AND AIRGLOW, ADVANCED STUDY INSTITUTE, KEELE (ENGLAND), AUGUST 15-26, 1966.
AD-641 422 4A T66 24 HC$ 2.00 MF$ 0.50

MCCURNIN, T. W.
FREQUENCY ASSIGNMENT STUDIES.
AD-641 431 17B T66 24 HC$ 6.00 MF$ 1.25

MCDONALD, MARSHALL
DEVELOPMENT OF ELECTRON GUN WITH NON-INTERCEPTING GRIDS,
AD-456 787 9A U41 24 HC$ 1.00

MCDOWELL, CHESTER
COMPARISON OF AASHO AND TEXAS TEST METHODS AND SPECIFICATIONS FOR FLEXIBLE BASE MATERIALS,
PB-173 369 11G U41 24 HC$ 8.60 MF$ 0.75

MCDUFFIE, BRUCE
TWIN-ELECTRODE THIN-LAYER ELECTROCHEMISTRY DETERMINATION OF CHEMICAL REACTION RATES BY DECAY OF STEADY-STATE CURRENT,
AD-641 766 7D T66 24

MCELEARNEY, J.
FURTHER EVIDENCE FOR A MAGNETIC TRANSITION IN MNCL2.(NH2)2CS)4,
AD-641 555 20L T66 24

MAGNETIC TRANSITION IN THIOUREA-COORDINATED COBALT CHLORIDE,
AD-641 551 20L T66 24

MCISAAC, HAROLD J.
POINT SYSTEM FOR EVALUATING QUALITY IN TEXTILES.
AD-641 495 11E T66 24 HC$ 4.00 MF$ 0.75

MCKNIGHT, JAMES A.
IDENTIFICATION OF ELECTRONICS MAINTENANCE TRAINING REQUIREMENTS DEVELOPMENT AND EVALUATION OF AN EXPERIMENTAL ORDANCE RADAR REPAIR COURSE.
AD-457 167 5I U41 24 HC$ 3.00

MCLEROY, E. G.
THEORETICAL AND EXPERIMENTAL PROPAGATION OF ELASTIC WAVES IN AN AIR-FLUID-SOLID AND IN AN AIR-FLUID-SOLID-SOLID SYSTEM.
AD-454 575 17A U41 24 HC$ 2.00

MCMILLAN, EDWARD B.
MATCHED INDUCTIVE PLATE RADOME.
AD-641 355 17I T66 24 HC$ 2.00 MF$ 0.50

MCNEILLY, JOHN H.
EVALUATION OF THE RESPONSE OF SILICON DIODE DOSIMETERS TO FAST NEUTRONS,
AD-641 559 18D T66 24 HC$ 2.00 MF$ 0.50

MCRAE, GERALD L.
THE STUDY OF MAN DURING A 56-DAY EXPOSURE TO AN OXYGEN-HELIUM ATMOSPHERE AT 258 MM HG TOTAL PRESSURE. VII. RESPIRATORY FUNCTION,
AD-641 829 6S T66 24

MCWHORTER, ALAN L.
SOLID STATE RESEARCH.
AD-641 498 20L T66 24 HC$ 3.00 MF$ 0.75

MEANS, K.
BRAYTON-CYCLE TURBOMACHINERY ROLLING-ELEMENT BEARING SYSTEM FOURTH QUARTERLY REPORT, 2 APR. - 2 JUL. 1966.
N66-38491 13I S04 23 HC$ 2.00 MF$ 0.50

MEHTA, K.
INVESTIGATIONS OF BROADBAND FERROMAGNETIC POWER LIMITERS AND EXPANDERS AS DUPLEXING ELEMENTS FOR MICROWAVE SYSTEMS.
AD-641 994 9E T66 24 HC$ 2.00 MF$ 0.50

MENARD, W. A.
RADIATION MEASUREMENT TECHNIQUES.
N66-33771 14B S04 19 HC$ 2.00 MF$ 0.50

MENIS, OSCAR
STANDARD REFERENCE MATERIALS DETERMINATION OF OXYGEN IN FERROUS MATERIALS SRM 1090, 1091, AND 1092,
NBS-MISC-PUB-260-14 11F U41 24 HC$ 0.30 MF$ 0.50

MERKES, E. P.
COVERING THEOREMS FOR UNIVALENT FUNCTIONS,
AD-641 512 12A T66 24

MERRIAM, M. F.
ORDER-DISORDER TRANSFORMATIONS AT 2 1 COMPOSITION IN THE CADMIUM-MERCURY SYSTEM,
AD-641 798 20B T66 24

SUPERCONDUCTIVITY IN THE ALLOY SYSTEM CADMIUM-MERCURY AND THE EFFECT OF ORDERING UPON SUPERCONDUCTIVITY,
AD-641 802 20C T66 24

MERRIMAN, GUY T.
A STATISTICAL APPROACH TO THE 12-48-HR PREDICTION OF PRECIPITATION PROBABILITY.
PB-173 423 4B U41 24 HC$ 4.00 MF$ 0.75

MERTE JR, H.
PRESSURIZATION OF LIQUID OXYGEN CONTAINERS PROGRESS REPORT NO. 7, NOV. 1963 - NOV. 1964.
N66-33188 20M S04 19 HC$ 3.00 MF$ 0.75

MERTENS, HENRY W.
PROBLEMS IN DEPTH PERCEPTION PERCEIVED SIZE AND DISTANCE OF FAMILIAR OBJECTS,
AD-641 477 5J T66 24 HC$ 1.00 MF$ 0.50

MERZ, W. C.
DEVELOPMENT OF HIGH ENERGY DENSITY PRIMARY BATTERIES FOURTH QUARTERLY REPORT, 22 MAR. - 21 JUN. 1966.
N66-37685 10C S04 23 HC$ 2.50 MF$ 0.75

MESLOH, R. E.
RESEARCH AND STUDY OF ANALYTICAL TECHNIQUES FOR PREDICTING RELIABILITY OF FLIGHT-CONTROL SYSTEMS,
AD-449 419 1D U41 24 HC$ 23.50

MESTER, JOHN C.
AN INVESTIGATION OF SOME OF THE EFFECTS OF THE IONOSPHERE ON ELECTROMAGNETIC WAVE PROPOGATION,
AD-641 344 20N T66 24 HC$ 1.00 MF$ 0.50

METCALF, F. T.
COMPLEMENTARY INEQUALITIES IV INEQUALITIES COMPLEMENTARY TO CAUCHY S INEQUALITY FOR SUMS OF COMPLEX NUMBERS,
AD-641 723 12A T66 24

METZGER, WILLIAM L.
AN ANALYSIS OF INTERCITY PASSENGER TRAFFIC MOVEMENT WITHIN THE CALIFORNIA CORRIDOR THROUGH 1980.
AD-641 611 15E T66 24 HC$ 5.00 MF$ 1.00

MEYERS II, B. C.
MANAGEMENT OF SCIENCE.
N66-33171 5A S04 19 HC$ 1.00 MF$ 0.50

MEYER, VINCENT D.
WEAK TRANSITIONS IN EXCITATION OF N2 BY ELECTRON IMPACT AND COMPARISON WITH EXCITATION BY ABSORPTION OF RADIATION,
AD-641 454 7D T66 24

MIDDLETON, HELEN M.
HYDRAULIC RESEARCH IN THE UNITED STATES 1966,
NBS-MP-280 8H U41 24 HC$ 1.50 MF$ 1.25

MIDGLEY, P.
THE EFFECT OF PRE-STRAINING OF THE TENSILE PROPERTIES OF STAINLESS STEEL EN58B AT 20C AND -196C.
AD-641 902 11F T66 24 HC$ 2.00 MF$ 0.50

MIESCHER, E.
ABSORPTION SPECTRUM OF THE NO MOLECULE. V - SURVEY OF EXCITED STATES AND THEIR INTERACTIONS,
N66-33367 7D S04 19 HC$ 2.00 MF$ 0.50

MIGAI, V. K.
ENHANCEMENT OF CONVECTIVE HEAT TRANSFER IN CHANNELS BY MEANS OF ARTIFICIAL FLOW TURBULENCE.
N66-33767 20M S04 19 HC$ 2.00 MF$ 0.50

MIKAILOFF, HUBERT
RESULTATS D IRRADIATION D ELEMENTS COMBUSTIBLES EN OXYDE MIXTE U02 - PU02 (RESULTS OF THE IRRADIATION OF MIXED U02 - PU02 OXIDE FUEL ELEMENTS),
PB-173 385 18J U41 24 HC$ 3.00 MF$ 0.75

MILLER JR, G. K.
VISUAL SIMULATION OF LUNAR ORBIT ESTABLISHMENT USING A SIMPLIFIED GUIDANCE TECHNIQUE.
N66-33448 17G S04 19 HC$ 2.00 MF$ 0.50

FIXED-BASE VISUAL-SIMULATION STUDY OF MANUALLY CONTROLLED TRANSLATION AND HOVER MANEUVERS OVER THE LUNAR SURFACE.
N66-38413 5H S04 23 HC$ 1.00 MF$ 0.50

MILLER JR, R. G.
UNLIMITED SIMULTANEOUS DISCRIMINATION INTERVALS IN REGRESSION TECHNICAL REPORT NO. 90.
N66-33401 12A S04 19 HC$ 2.00 MF$ 0.50

MILLER, DONNA J.

BIOCHEMICAL AND PHYSICAL CHANGES IN SHAKEN SUSPENSIONS OF PASTEURELLA PESTIS,
AD-641 947 6M T66 24

MILLER, G. A.
AN EXPERIMENTAL STUDY OF FLUIDIZATION PROCESSES UNDER LUNAR CONDITIONS,
N66-39803 3B S04 23 HC$ 2.50 MF$ 0.75

MILLER, I. F.
THERMALLY REGENERABLE CARBON DIOXIDE ABSORBENT SYSTEM FINAL REPORT, 1 MAY 1964 - 31 JAN. 1966.
N66-33499 7A S04 19 HC$ 3.75 MF$ 1.50

MILLER, LOUIS W.
SELECTION DISCIPLINES IN A SINGLE-SERVER QUEUEING SYSTEM,
AD-641 357 12B T66 24 HC$ 5.00 MF$ 1.00

MILLER, RICHARD G.
MASSES AND EXCITATION ENERGIES OF SOME PROTON-RICH NUCLEI,
AD-642 838 20H T66 24

MILLETT, D. A.
A STUDY OF MAN S PHYSICAL CAPABILITIES ON THE MOON, VOLUME IV - INVESTIGATION OF LUNAR GRAVITY SIMULATION TECHNIQUES.
N66-38799 6B S04 23 HC$ 2.50 MF$ 0.50

MILLEUR, M. B.
BIPOLAR ANGLE AVERAGES AND TWO-CENTER, TWO-PARTICLE INTEGRALS INVOLVING R SUB 12,
AD-641 847 7D T66 24

MINC, HENRYK
A SUBDETERMINANT INEQUALITY,
AD-641 554 12A T66 24

MINNETT, H. C.
AN INSTRUMENT FOR THE RAPID MEASUREMENT OF SURFACE DEFORMATIONS OF A 210-FT RADIO TELESCOPE.
N66-39361 14B S04 23 HC$ 2.00 MF$ 0.50

MINSKY, M. L.
HEURISTIC ASPECTS OF THE ARTIFICIAL INTELLIGENCE PROBLEM,
AD-238 885 6D U41 24 HC$ 8.60

MIRONOVA, Z. F.
SPECTRAL ALBEDO OF NATURAL GROUNDS.
N66-33701 4A S04 19 HC$ 2.00 MF$ 0.50

MITCHELL, G. A.
INVESTIGATION OF HIGH-ANGLE-OF-ATTACK PERFORMANCE OF A 14 DEG RAMP-TYPE INLET IN VARIOUS CIRCUMFERENTIAL BODY LOCATIONS, MACH NUMBER RANGE 1.5 TO 2.0.
N66-33339 1A S04 19 HC$ 2.00 MF$ 0.50

MITCHELL, J. L.
STUDY OF MAN DURING A 56-DAY EXPOSURE TO AN OXYGEN-HELIUM ATMOSPHERE AT 258 MM. HG TOTAL PRESSURE. XI. ORAL, CUTANEOUS, AND AEROSOL BACTERIOLOGIC EVALUATION,
AD-641 816 6S T66 24

MITCHELL, ROLAND B.
MICROORGANISMS OF THE UPPER ATMOSPHERE. II. MICROORGANISMS IN TWO TYPES OF AIR MASSES AT 690 METERS OVER A CITY,
AD-641 823 6M T66 24

MICROORGANISMS OF THE UPPER ATMOSPHERE. I. INSTRUMENTATION FOR ISOKINETIC AIR SAMPLING AT ALTITUDE,
AD-641 825 6M T66 24

MITCHELL, R. K.
RESEARCH AND STUDY OF ANALYTICAL TECHNIQUES FOR PREDICTING RELIABILITY OF FLIGHT-CONTROL SYSTEMS,
AD-449 419 1D U41 24 HC$ 23.50

MITCHELL, TOBY J.
CONSTRUCTION OF THE UNIQUE SATURATED RESOLUTION V DESIGN IN 256 RUNS.
AD-641 397 12A T66 24 HC$ 1.00 MF$ 0.50

THE CONSTRUCTION OF SATURATED DESIGNS.
AD-641 934 12A T66 24 HC$ 2.00 MF$ 0.50

MITRA, S. S.
TEMPERATURE DEPENDENCE OF INFRARED DISPERSION IN IONIC CRYSTALS _IF AND MGO.
AD-641 694 20F T66 24

MIXSON, J. S.
FLUTTER INVESTIGATION AT A MACH NUMBER OF 7.2 OF MODELS OF THE HORIZONTAL-TAIL AND VERTICAL- TAIL SURFACES OF THE X-15 AIRPLANE.
N66-33350 20K S04 19 HC$ 2.00 MF$ 0.50

MOCK, T. D.
STANDARDS AND SPECIFICATIONS FOR MYLAR FAN-FOLDED PERFORATOR TAPE TO BE USED WITH THE AN/BRN-3 RADIO NAVIGATION SET.
AD-641 502 17G T66 24 HC$ 1.00 MF$ 0.50

MODISETTE, J. L.
INVESTIGATION OF LITHIUM HYDRIDE AND MAGNESIUM AS HIGH-TEMPERATURE INTERNAL COOLANTS WITH SEVERAL SKIN MATERIALS.
N66-33335 20M S04 19 HC$ 1.00 MF$ 0.50

MOFFITT, FRANCIS H.
PHOTOGRAMMETRIC DEFINITION OF A WAVE SURFACE.
AD-641 396 20D T66 24 HC$ 3.00 MF$ 0.50

MOHLER, STANLEY R.
PROTECTING THE AG PILOT,
AD-641 475 1B T66 24 HC$ 1.00 MF$ 0.50

IN-FLIGHT RESPONSE TO A NEW NON-GYROSCOPIC BLIND FLIGHT INSTRUMENT,
AD-641 479 1D T66 24 HC$ 1.00 MF$ 0.50

MOLNAR, ANDREW R.
BASIC DEVELOPMENT ACCOMPLISHED ON WIDE-ANGLE, NONPROGRAMMED, VISUAL PRESENTATIONS. VOLUME I,
AD-227 192 9E U41 24 HC$ 14.60

MOLODENSKII, M. S.
RESEARCH IN GEODETIC GRAVIMETRY,
AD-641 753 8E T66 24 HC$ 4.00 MF$ 1.00

MOLZON, ARNOLD E.
SUBJECT INDEX, BIBLIOGRAPHY, AND CODE DESCRIPTION OF TECHNICAL CONFERENCE PAPERS ON PLASTICS 5 MARCH 1965 - 10 MARCH 1966,
AD-641 666 11I T66 24 HC$ 4.00 MF$ 1.00

MONCHICK, L.
HEAT CONDUCTIVITY OF POLYATOMIC AND POLAR GASES AND GAS MIXTURES.
N66-33184 20M S04 19 HC$ 3.00 MF$ 0.75

MONTA, W. J.
PRESSURE DISTRIBUTIONS DUE TO TWO-DIMENSIONAL FABRICATION-TYPE SURFACE ROUGHNESS ON AN OGIVE CYLINDER AT TRANSONIC SPEEDS.
N66-33447 1A S04 19 HC$ 3.00 MF$ 0.75

PRESSURE DRAGS DUE TO TWO-DIMENSIONAL FABRICATION-TYPE SURFACE ROUGHNESS ON AN OGIVE CYLINDER AT TRANSONIC SPEEDS.
N66-33449 1A S04 19 HC$ 3.00 MF$ 0.50

MONTGOMERY, D.
SCATTERING OF ENERGETIC PARTICLES BY LABORATORY PLASMAS.
N66-34076 20I S04 19 HC$ 2.00 MF$ 0.50

MOOK, C. P.
PROCEEDINGS OF CONFERENCE ON ACTIVE TEMPERATURE CONTROL.
N66-32946 20M S04 19 HC$ 2.50 MF$ 0.75

DEVELOPMENT OF THERMAL CONTROL COATINGS FOR SPACE VEHICLES.
N66-33378 20M S04 19 HC$ 1.00 MF$ 0.50

MOONAN, WILLIAM J.
SEQUIN A COMPUTERIZED ITEM SELECTION PROCEDURE.
AD-641 813 5J T66 24 HC$ 2.00 MF$ 0.50

MOORE JR, C. J.
HEAT TRANSFER ACROSS SURFACES IN CONTACT - PRACTICAL EFFECTS OF TRANSIENT TEMPERATURE AND PRESSURE ENVIRONMENTS SEMIANNUAL REPORT, 1 OCT. 1965 - 1 APR. 1966.
N66-32762 20M S04 19 HC$ 2.00 MF$ 0.50

MOORE, DESMOND F.
A STUDY OF TIRE-SURFACE INTERACTION FOR THE CASE OF ROLLING ON A WET SURFACE.
PB-173 454 11J U41 24 HC$ 3.00 MF$ 0.75

MOORE, E. T.
THE DEVELOPMENT OF AN EXPLOSIVELY DRIVEN HYPERVELOCITY GAS GUN FINAL REPORT.
N66-32788 14B S04 19 HC$ 2.50 MF$ 0.75

MOORE, RAYMOND S.
TRANSPORT OF RENIN ANGIOTENSIN BY RENAL LYMPHATICS.
AD-641 388 6E T66 24

MOORE, R.
SIGNIFICANCE OF ANTIBACTERIAL LEVELS IN THE RENAL LYMPH DURING TREATMENT FOR PYELONEPHRITIS,
AD-641 377 6E T66 24

MOORE, R. K.
RADAR AS A REMOTE SENSOR.
N66-32761 17I S04 19 HC$ 2.50 MF$ 0.50

MOORJANI, KISHIN
APPLICATION OF THE MODIFIED BLOCH EQUATION TO THE LOW-TEMPERATURE BEHAVIOR OF THE HEISENBERG FERROMAGNET,
AD-641 683 20C T66 24

MORAN JR, M. H.
THE EFFECT OF CHANGING GRAVITY AND WEIGHTLESSNESS ON VASOPRESSIN CONTROL SYSTEMS PROGRESS REPORT, FEB. 15 - SEP. 20, 1966.
N66-38718 6S S04 23 HC$ 1.00 MF$ 0.50

MORGAN, C. T.
PROBLEMS OF SYSTEMS COORDINATION AND PLANS FOR DEALING WITH THEM,
AD-50 739 5H U41 24 HC$ 1.10

MORGAN, H. G.
AN EXPERIMENTAL INVESTIGATION OF AERODYNAMIC EFFECTS OF AIRFOIL THICKNESS ON TRANSONIC FLUTTER CHARACTERISTICS.
N66-33326 1A S04 19 HC$ 2.00 MF$ 0.50

MORGAN, WILLIAM B.
THE INVERSE PROBLEM OF THE ANNULAR AIRFOIL AND DUCTED PROPELLER.
AD-641 357 15J T66 24 HC$ 3.00 MF$ 0.50

MORGAN, W. W.
THE PHYSICAL CHARACTERISTICS AND DISTRIBUTION IN SPACE OF GALAXIES THE CHARACTERISTICS OF THE SUPERGIANT D GALAXIES .
AD-641 608 3B T66 24 HC$ 1.00 MF$ 0.50

MORGEN, R. J.
A STUDY OF MAN S PHYSICAL CAPABILITIES ON THE MOON. VOLUME IV - INVESTIGATION OF LUNAR GRAVITY SIMULATION TECHNIQUES.
N66-38799 6B S04 23 HC$ 2.50 MF$ 0.50

MORICONI, EMIL J.
SMALL RING COMPOUNDS.
AD-641 303 7C T66 24 HC$ 1.00 MF$ 0.50

NUCLEAR MAGNETIC RESONANCE STUDY OF 2,3-QUINOXALINE DICARBOXALDEHYDE AND ITS CYCLIC MONOHYDRATE.
AD-641 740 7C T66 24

MORITA, TOHRU
APPLICATION OF THE MODIFIED BLOCH EQUATION TO THE LOW-TEMPERATURE BEHAVIOR OF THE HEISENBERG FERROMAGNET.
AD-641 683 20C T66 24

MORREAL, J. A.
A SYSTEM TO MEASURE THE MASS OF A PROJECTILE LAUNCHED FROM AN EXPLODING FOIL GUN FINAL REPORT.
N66-37644 14B S04 23 HC$ 2.50 MF$ 0.75

MORRISETTE, E. L.
ROUGHNESS EFFECTS ON BOUNDARY-LAYER TRANSITION FOR BLUNT-LEADING-EDGE PLATES AT MACH 6.
N66-33015 1A S04 19 HC$ 2.00 MF$ 0.50

MORRIS, J. F.
SMALL PLASMA PROBES WITH GUARD RINGS AND THERMOCOUPLES.
N66-37684 20I S04 23 HC$ 1.00 MF$ 0.50

MORSE, H. D.
STUDY OF LARGE ELECTRICAL BUS BARS IN PROTECTED DUCTS FOR AN ADVANCED SHIP.
PB-173 247 9A U41 24 HC$ 3.00 MF$ 0.75

MORSE, MARSTON
THE REDUCTION OF A FUNCTION NEAR A NONDEGENERATE CRITICAL POINT.
AD-641 510 12A T66 24

A MODEL NON-DEGENERATE FUNCTION.
AD-641 514 12A T66 24

MORTIMER, R. W.
A UNIFIED APPROACH TO ONE-DIMENSIONAL ELASTIC WAVES BY THE METHOD OF CHARACTERISTICS.
N66-38719 20K S04 23 HC$ 2.00 MF$ 0.50

MOTSAY, GEORGE J.
THE STUDY OF MAN DURING A 56-DAY EXPOSURE TO AN OXYGEN-HELIUM ATMOSPHERE AT 258 MM. HG. TOTAL PRESSURE. XII. CLINICAL OBSERVATIONS.
AD-641 953 6S T66 24

MOTTIN, JAMES
MOLECULAR NEUROCHEMISTRY OF THE BRAIN DURING CONDITIONED AVOIDANCE BEHAVIOR.
AD-641 615 5J T66 24 HC$ 2.00 MF$ 0.50

MOUGEY, J.
RESULTS AND INTERPRETATION OF SPECIAL INDICES MEASUREMENTS MADE WITH AQUILON.
N66-38120 18J S04 23 HC$ 3.00 MF$ 0.50

MOULTROP, KENDALL
STABILIZATION OF SILTY SOILS WITH PORTLAND CEMENT AND SODIUM SULFATE.
PB-173 489 13B U41 24 HC$ 2.00 MF$ 0.50

MOUNTER, L. A.
A MULTICHANNEL ANALYTICAL SYSTEM FOR CONTINUOUS MONITORING OF BLOOD CHOLINESTERASE.
AD-641 572 6A T66 24 HC$ 1.00 MF$ 0.50

MOYER, JAMES E.
STUDY OF MAN DURING A 56-DAY EXPOSURE TO AN OXYGEN-HELIUM ATMOSPHERE AT 258 MM. HG TOTAL PRESSURE. XI. ORAL, CUTANEOUS, AND AEROSOL BACTERIOLOGIC EVALUATION.
AD-641 816 6S T66 24

MOZHANSKAYA, A. F.
THE USE OF OPTICALLY ACTIVE COATINGS IN THE SOLUTION OF PLANE ELASTO-PLASTIC PROBLEMS.
AD-641 649 20K T66 24 HC$ 1.00 MF$ 0.50

MUELLER, D. D.
A TECHNIQUE TO INVESTIGATE SPACE MAINTENANCE TASKS.
N66-39115 5H S04 23 HC$ 1.50 MF$ 0.50

MUELLER, R. A.
CRITICAL MASS STUDIES WITH THE NASA ZERO POWER REACTOR II. II - HETEROGENEOUS ARRAYS OF CYLINDRICAL VOIDS.
N66-33021 18L S04 19 HC$ 1.00 MF$ 0.50

MUELLER, STEPHAN
INVESTIGATIONS ON THE NONELASTIC BEHAVIOR OF THE UPPER MANTLE.
AD-641 312 8K T66 24 HC$ 3.00 MF$ 0.75

MUKI, ROKURO
TRANSFER OF LOAD FROM AN EDGE-STIFFENER TO A SHEET- A RECONSIDERATION OF MELAN S PROBLEM.
AD-641 497 20K T66 24 HC$ 2.00 MF$ 0.50

MULLEN, W. A., JR.
THE DEVELOPMENT OF A SWIMMER TRACKING DEVICE.
AD-641 361 17A T66 24 HC$ 1.00 MF$ 0.50

MUNN, R. J.
COLLISION INTEGRALS FOR THE EXPONENTIAL ATTRACTIVE POTENTIAL.
N66-33415 20H S04 19 HC$ 1.00 MF$ 0.50

MUNSE, W. H.
FATIGUE OF PLATES AND WELDMENTS IN HY-100 AND HY-130/150 STEELS.
AD-480 198 20K U41 24 HC$ 4.00 MF$ 0.75

MUNSON, J. H.
GRAPHICAL-DATA-PROCESSING RESEARCH STUDY AND EXPERIMENTAL INVESTIGATION.
AD-641 647 9B T66 24 HC$ 3.00 MF$ 0.50

MURDOCH, A. M.
DEVELOPMENT OF A RING BEAM WHEEL SURFACE WAVE SEARCH UNIT FINAL REPORT.
N66-38744 13H S04 23 HC$ 3.00 MF$ 0.75

MURPHY, J. P.
ANALYSIS OF LUNAR AND SOLAR EFFECTS ON THE MOTION OF CLOSE EARTH SATELLITES.
N66-32945 22A S04 19 HC$ 2.50 MF$ 0.75

MUSEN, P.
ON THE GENERAL PERTURBATIONS OF THE POSITION VECTORS OF A PLANETARY SYSTEM.
N66-33371 3A S04 19 HC$ 2.00 MF$ 0.50

MUSTELIER, JEAN-PIERRE
RESULTATS D IRRADIATION D ELEMENTS COMBUSTIBLES EN OXYDE MIXTE UO2 - PUO2 (RESULTS OF THE IRRADIATION OF MIXED UO2 - PUO2 OXIDE FUEL ELEMENTS).
PB-173 385 18J U41 24 HC$ 3.00 MF$ 0.75

MYER, ELLIS P.
AUTOMATING A HOSPITAL INFORMATION SYSTEM.
PB-173 474 6E U41 24 HC$ 1.00 MF$ 0.50

NABER, J. A.
RADIATION EFFECTS ON SILICON SIXTH QUARTERLY PROGRESS REPORT, APR. 1 - JUN. 30, 1966.
N66-33436 20L S04 19 HC$ 1.00 MF$ 0.50

NACCI, VITO A.
STABILIZATION OF SILTY SOILS WITH PORTLAND CEMENT AND SODIUM SULFATE.
PB-173 489 13B U41 24 HC$ 2.00 MF$ 0.50

NAGAOKA, YOSUKE
GROUND STATE OF CORRELATED ELECTRONS IN A NARROW ALMOST HALF FILLED S BAND.
AD-641 777 20C T66 24

NAIDITCH, S.
THE TWO TRANSFORMER METHOD FOR ELECTRODELESS CONDUCTIVITY MEASUREMENTS.
AD-481 769 20I U41 24 HC$ 9.68

NAKAJIMA, Y.
THE FINE STRUCTURE OF THE SUPRAMEDULLARY NEURONS OF THE PUFFER WITH SPECIAL REFERENCE TO ENDOCELLULAR AND PERICELLULAR CAPILLARIES.
AD-641 735 6C T66 24

NAKAMURA, R. H.
THE ROLE OF ARTERIAL PULSATION IN EXPERIMENTAL HYDRONEPHROSIS.
AD-641 378 6E T66 24

NAKONECHNIKOV, A. I.
DIFFUSION OF URANIUM IN MOLYBDENUM, NIOBIUM, ZIRCONIUM, AND TITANIUM.
N66-33719 7B S04 19 HC$ 1.00 MF$ 0.50

NAUDET, R.
RESULTS AND INTERPRETATION OF SPECIAL INDICES MEASUREMENTS MADE WITH AQUILON.
N66-38120 18J S04 23 HC$ 3.00 MF$ 0.50

NAUMANN, GOTTFRIED
UNSUSPECTED RETINOBLASTOMA ENUCLEATION IN AN 11-YEAR OLD GIRL FOLLOWING INJURY AND PANOPHTHALMITIS.
AD-641 834 6E T66 24

NAUMKIN, O. P.
PHASE DIAGRAM AND PROPERTIES OF ALLOYS OF THE ALUMINUM-SCANDIUM SYSTEM.
N66-33687 11F S04 19 HC$ 1.00 MF$ 0.50

NAZAROVA, R. I.
ELECTRON DIFFRACTION STUDY OF THE OXIDATION PROCESS OF THIN FILMS OF INTERMETALLIC COMPOUNDS OF THE SYSTEM NICKEL-ALUMINUM.
N66-33704 11F S04 19 HC$ 1.00 MF$ 0.50

NEDELINA, O. S.
ON THE EXISTENCE OF FREE RADICALS IN ENZYMATIC HYDROLYSIS OF ADENOSINE TRIPOSPHATE.
AD-641 425 6A T66 24 HC$ 1.00 MF$ 0.50

NEEDHAM, R. M.
THE TERMINATION OF CERTAIN ITERATIVE PROCESSES.
AD-641 667 12A T66 24 HC$ 1.00 MF$ 0.50

NELSON, ARTHUR
ORGANIZATION AND PRESENTATION OF IMAGE INTERPRETER REFERENCE AND AUXILIARY INFORMATION.
AD-641 326 5B T66 24 HC$ 4.00 MF$ 0.75

NESS, NORMAN F.

MOVIE OF THE INTERPLANETARY MAGNETIC FIELD.
AD-641 972 3B T66 24 MC$ 1.00 MF$ 0.50

NESTEROVA, N. M.
SEARCH FOR HIGH-ENERGY PHOTONS FROM DISCRETE SOURCES OF COSMIC RADIATION.
N66-33691 28H S04 19 MC$ 1.00 MF$ 0.50

NEUFELD, HAROLD A.
CHEMILUMINESCENCE OF LUMINOL IN THE PRESENCE OF HEMATIN COMPOUNDS,
AD-642 085 6A T66 24

NEWCOMB JR, A. L.
A UNIQUE VARIABLE WIDTH PULSE INTEGRATOR.
N66-33378 9A S04 19 MC$ 1.00 MF$ 0.50

NEWCOMB, J. S.
DESIGN OF AN AUTOMATED STELLAR PROPER MOTION MEASURING SYSTEM, 1 JULY 1965 - 30 JUNE 1966.
N66-33399 3A S04 19 MC$ 4.00 MF$ 1.00

NEWCOMB, P. F.
DESIGN, DEVELOPMENT AND DELIVERY OF ONE (1) BREADBOARD AND THREE (3) PRODUCTION UNITS OF A 75 VA INTEGRATED STATIC INVERTER MONTHLY PROGRESS REPORT NO. 11, MAR. 1966.
N66-32756 9A S04 19 MC$ 1.00 MF$ 0.50

NEWCOMB, R.
PROPOSED ADJUSTABLE TUNED CIRCUITS FOR MICROELECTRONIC STRUCTURES,
AD-641 473 9E T66 24

NEWCOMB, R. W.
DEGENERATE NETWORKS,
AD-641 469 9E T66 24

AN INTEGRATABLE TIME-VARIABLE GYRATOR,
AD-641 471 9E T66 24

SYNTHESIS OF LUMPED-DISTRIBUTED RC N-PORTS.
PB-173 482 9E U41 24 MC$ 1.00 MF$ 0.50

NEWELL, G. F.
TRAFFIC SIGNAL SYNCHRONIZATION ON A ONE-WAY STREET.
AD-641 844 13B T66 24 MC$ 2.00 MF$ 0.50

NEWING, C. J.
RESEARCH ON SYNTHESIS AND CHARACTERIZATION OF HIGHLY ARYLATED ORGANOSILICON COMPOUNDS.
AD-641 414 7C T66 24 MC$ 3.00 MF$ 0.75

NEWMAN, E. T.
NOTE ON THE BONDI-METZNER-SACHS GROUP,
AD-641 680 20J T66 24

10 EXACT GRAVITATIONALLY-CONSERVED QUANTITIES,
AD-641 682 20J T66 24

NEWMAN, M. S.
SYNTHESIS AND PROPERTIES OF NAPHTHO- AND PHENANTHRAQUINONES.
AD-641 609 7C T66 24 MC$ 1.00 MF$ 0.50

NEW, W.
AN INTEGRATABLE TIME-VARIABLE GYRATOR,
AD-641 471 9E T66 24

PROPOSED ADJUSTABLE TUNED CIRCUITS FOR MICROELECTRONIC STRUCTURES,
AD-641 473 9E T66 24

NGUYEN, HOE
EFFET D UN CHAMP MAGNETIQUE UNIFORME SUR LES PROFILS DES RAIES DE L HYDROGENE (THE EFFECT OF AN HOMOGENEOUS MAGNETIC FIELD ON THE LINE PROFILES OF HYDROGEN),
PB-173 392 20I U41 24 MC$ 3.00 MF$ 0.75

NG, SAMJEL Y. W.
A STUDY OF AN EXPERIMENTAL CONTINUOUSLY REINFORCED CONCRETE PAVEMENT, INTERSTATE NO. 59, JONES COUNTY, MISSISSIPPI.
PB-173 404 13B U41 24 MC$ 5.00 MF$ 1.00

NICHOLS, R. W.
IMPLICATIONS OF EMBRITTLEMENT DURING THE LIFE OF A ZIRCONIUM PRESSURE TUBE REACTOR.
N66-37781 18I S04 23 MC$ 2.00 MF$ 0.50

NIELSEN, T. H.
SURFACE ADSORPTION IN MAGNESIUM OXIDE.
N66-33769 7B S04 19 MC$ 1.00 MF$ 0.50

NIENDORF, L. R.
INVESTIGATION OF A LIGHTWEIGHT SELF-EVACUATING PREFABRICATED MULTI-LAYER INSULATION SYSTEM FOR CRYOGENIC SPACE PROPULSION STAGES FINAL REPORT, 3 JUN. 1965 - 31 JUL. 1966.
N66-39500 13H S04 23 MC$ 3.75 MF$ 1.75

NIES, G. F.
INVESTIGATION OF A LIGHTWEIGHT SELF-EVACUATING PREFABRICATED MULTI-LAYER INSULATION SYSTEM FOR CRYOGENIC SPACE PROPULSION STAGES FINAL REPORT, 3 JUN. 1965 - 31 JUL. 1966.
N66-39500 13H S04 23 MC$ 3.75 MF$ 1.75

NIGHAN, W. ..
INVESTIGATION OF COLLISION PROBABILITY OF ELECTRONS AND IONS WITH ALKALI METAL ATOMS FINAL REPORT, 22 APR. 1964 - 21 JUL. 1966.
N66-39497 20I S04 23 MC$ 3.00 MF$ 0.75

NILSON, J. A.
APPENDIX - SOME SPECTROSCOPIC OBSERVATIONS OF THE INTERACTION BETWEEN A PLASMA WIND AND A DIPOLE MAGNETIC FIELD.
N66-32764 20I S04 19 MC$ 1.00 MF$ 0.50

NOBLE, DAVID F.
REACTIONS IN PORTLAND CEMENT-CLAY MIXTURES. PHASE 2. REACTIONS AND STRENGTH DEVELOPMENT IN PORTLAND CEMENT-CLAY MIXTURES.
PB-173 491 13C U41 24 MC$ 2.00 MF$ 0.50

NOBLE, MERRILL E.
VERBAL CODING AND DISPLAY CODING IN THE ACQUISITION AND RETENTION OF TRACKING SKILL,
AD-641 623 5J T66 24

NOON, J. H.
RADIATION TEMPERATURE MEASUREMENTS OF THE NITROGEN AFTERGLOW PLASMA,
N66-34074 20I S04 19 MC$ 1.00 MF$ 0.50

NORED, D. L.
PERFORMANCE OF JP-4 FUEL WITH FLUORINE- OXYGEN MIXTURES IN 1000-POUND-THRUST ROCKET ENGINES.
N66-33309 21I S04 19 MC$ 2.00 MF$ 0.50

NORRIS, C. W.
FLAMMABILITY IN ZERO-GRAVITY ENVIRONMENT,
N66-37777 21B S04 23 MC$ 2.00 MF$ 0.50

NORRIS, L. F.
FEASIBILITY STUDY OF SECONDARY EMISSION ELECTRON MICROSCOPY FOR EXAMINING MATERIALS CONTAINING DISPERSED OXIDE PARTICLES.
N66-37678 13H S04 23 MC$ 2.00 MF$ 0.50

OVERLAY COPY TECHNIQUE TO PROVIDE HIGH-CONTRAST ELECTRON MICROGRAPHS FOR AUTOMATIC METALLOGRAPHIC ANALYSIS.
N66-37681 14B S04 23 MC$ 1.00 MF$ 0.50

NOVICK, DAVID
ORIGIN AND HISTORY OF PROGRAM BUDGETING.
AD-641 442 5A T66 24 MC$ 1.00 MF$ 0.50

NOVICK, R.
RESEARCH INVESTIGATION DIRECTED TOWARD EXTENDING THE USEFUL RANGE OF THE ELECTROMAGNETIC SPECTRUM.
AD-457 119 20E U41 24 MC$ 7.60

NOVIKOV, G. I.
THE VAPOR COMPOSITION IN THE HALIDE SYSTEMS OF CERTAIN ALKALI AND ALKALI EARTH METALS.
N66-33721 7B S04 19 MC$ 1.00 MF$ 0.50

NUSSBAUM, R. H.
RELAXATION NARROWING OF MOSSBAUER GAMMA RAYS,
AD-641 764 20H T66 24

OCHITILL, HERBERT
TRACER AMMUNITION CONTAINING FERROMAGNETIC MATERIALS AS ADDITIVES EFFECTS ON OVERALL PERFORMANCE.
AD-641 485 19A T66 24 MC$ 1.00 MF$ 0.50

OFFEN, H. W.
EFFECTS OF HIGH PRESSURES ON THE ABSORPTION SPECTRUM OF AZORENZENE,
AD-641 575 7C T66 24 MC$ 1.00 MF$ 0.50

OGAWA, HAJIMU
LOWER BOUNDS FOR SOLUTIONS OF DIFFERENTIAL INEQUALITIES IN HILBERT SPACE.
AD-641 736 12A T66 24

OKEEFE, J. A.
LUNAR STRUCTURES AS DEDUCED FROM MUONG NONG TEKTITES.
N66-32956 3B S04 19 MC$ 1.00 MF$ 0.50

OKORN, L. J.
ON DIAMETERS OF GRAPHS AND DIGRAPHS.
N66-34075 12A S04 19 MC$ 2.00 MF$ 0.50

OLDHAM JR, W. J.
CALCULATIONS OF ENERGY AND ANGULAR DISTRIBUTIONS OF ELECTRONS EJECTED FROM HELIUM BY 200- KE V AND 300- KE V PROTONS.
N66-38489 20H S04 23 MC$ 1.00 MF$ 0.50

OLIVAIN, JACK
GENERATION D HARMONIQUES DE LA DEMI-FREQUENCE GIROMAGNETIQUE ELECTRONIQUE DANS UN SYSTEME DOUBLE-FAISCEAU (THE GENERATION OF HARMONICS OF THE ELECTRON CYCLOTRON HALF-FREQUENCY IN A DOUBLE-BEAM INTERACTION EXPERIMENT),
PB-173 386 20I U41 24 MC$ 4.00 MF$ 0.75

OLSEN, H. L.
THE DETERMINATION OF FLAME SPEED OF PENTABORANE-OXYGEN-NITROGEN MIXTURES,
AD-641 503 21B T66 24 MC$ 2.00 MF$ 0.50

OLSEN, JOHN H.
WAVES IN FLUID-FILLED ELASTIC TUBES,
PB-173 453 20D U41 24 MC$ 3.00 MF$ 0.75

OLSON, A. M.
AERODYNAMIC AND FLIGHT PERFORMANCE ANALYSIS FOR THE NIRO SOUNDING ROCKET,
AD-641 676 22B T66 24 MC$ 5.00 MF$ 1.00

OLSON, F. A.
INVESTIGATIONS OF BROADBAND FERROMAGNETIC POWER LIMITERS AND EXPANDERS AS DUPLEXING ELEMENTS FOR MICROWAVE SYSTEMS.
AD-641 994 9E T66 24 MC$ 2.00 MF$ 0.50

OLSON, GEORGE B.
LYMPHOCYTOPOIESIS, PLASMACYTOPOIESIS AND CELLULAR PROLIFERATION IN NONANTIGENICALLY STIMULATED GERMFREE MICE.
AD-641 835 6E T66 24

CELLULAR AND HUMORAL IMMUNE RESPONSE OF GERMFREE MICE STIMULATED WITH 7S HGG OR SALMONELLA TYPHIMURIUM.
AD-641 836 6E T66 24

OLSON, MANCUR, JR.
AN ECONOMIC THEORY OF ALLIANCES.
AD-641 855 5C T66 24 HC$ 2.00 MF$ 0.50

OLTE, A.
RADIATION OF AN ELEMENTARY CYLINDER ANTENNA THROUGHT A SLOTTED ENCLOSURE.
N66-33366 9F S04 19 HC$ 2.00 MF$ 0.50

OSBORN, J. R.
HIGH FREQUENCY COMBUSTION PRESSURE OSCILLATIONS IN MOTORS BURNING GASEOUS PROPELLANTS.
AD-478 023 21H U41 24 HC$ 3.00 MF$ 0.75

OSINOVIK, YE. S.
STUDY OF THE PROPAGATION PROCESS OF A REACTION IN SOLID PHASES.
N66-33682 20L S04 19 HC$ 2.00 MF$ 0.50

OSIPOVA, S. V.
EFFECT OF CALCIUM CHLORIDE AND MAGNESIUM SULFITE ON THE RATE OF RIGOR MORTIS.
AD-641 751 6A T66 24 HC$ 1.00 MF$ 0.50

OTTO, A. N.
SPECTRAL ALBEDO OF NATURAL GROUNDS.
N66-33701 4A S04 19 HC$ 2.00 MF$ 0.50

OWEN, W. L.
REMOVAL OF SIMULATED FALLOUT FROM ASPHALT STREETS BY FIREHOSING TECHNIQUES.
AD-641 480 18H T66 24 HC$ 4.00 MF$ 0.75

O HARA, MAY J.
THE STUDY OF MAN DURING A 56-DAY EXPOSURE TO AN OXYGEN-HELIUM ATMOSPHERE AT 258 MM. HG TOTAL PRESSURE. IX. NUTRITIONAL EVALUATION OF FEEDING BITE-SIZE FOODS.
AD-641 804 6S T66 24

THE STUDY OF MAN DURING A 56-DAY EXPOSURE TO AN OXYGEN-HELIUM ATMOSPHERE AT 258 MM. HG TOTAL PRESSURE VIII. OBSERVATIONS ON FEEDING BITE-SIZE FOODS.
AD-641 838 6S T66 24

O MALLEY, THOMAS R.
STUDY OF BASIC FIXED GUNNERY.
AD-641 824 5I T66 24 HC$ 3.00 MF$ 0.75

PACKE, D. R.
ANALYSIS OF CONDENSING PRESSURE CONTROL FOR SNAP-8 SYSTEM.
N66-37683 18N S04 23 HC$ 1.00 MF$ 0.50

PADGETT, DORAN W.
EXCHANGE MAGNETIC MOMENT IN THREE-BODY NUCLEI (II).
AD-641 767 20H T66 24

EXCHANGE MAGNETIC MOMENT IN THREE-BODY NUCLEI (I).
AD-641 768 20H T66 24

PAGNAMENTA, ANTONIO
V(THETA)-BOUND STATE AND UNIQUENESS IN THE THREE-PARTICLE SECTOR OF THE LEE MODEL.
AD-641 622 20J T66 24

PALMERINI, A.
PRODUCTION ENGINEERING MEASURE FOR 50-AMPERE SILICON POWER TRANSISTORS.
AD-641 411 9A T66 24 HC$ 2.00 MF$ 0.50

PALM, A.
THE BLUE HAZE OF MARS.
N66-33414 3B S04 19 HC$ 1.00 MF$ 0.50

PANDE, K. C.
RESEARCH ON SYNTHESIS AND CHARACTERIZATION OF HIGHLY ARYLATED ORGANOSILICON COMPOUNDS.
AD-641 414 7C T66 24 HC$ 3.00 MF$ 0.75

PAN, C. H. T.
PROCESS FLUID LUBRICATION.
AD-641 369 11H T66 24 HC$ 1.00 MF$ 0.50

PAO, YOUNG-PING
SLIP FLOW OF LINEARIZED COUETTE PROBLEM.
AD-641 548 20D T66 24

PAPAGIANNIS, MICHAEL D.
A NEW METHOD TO MEASURE ELECTRON COLLISION FREQUENCIES IN THE IONOSPHERE BY MEANS OF THE FARADAY ROTATION PROCESS.
AD-641 897 20N T66 24 HC$ 2.00 MF$ 0.50

PAPELL, S. S.
BUOYANCY EFFECTS ON CRITICAL HEAT FLUX OF FORCED CONVECTIVE BOILING IN VERTICAL FLOW.
N66-35143 20M S04 23 HC$ 1.00 MF$ 0.50

PAPETTI, R. A.
AN ANALYSIS OF THE TWO-DIMENSIONAL PARTICLE-IN-CELL METHOD.
AD-641 655 19D T66 24 HC$ 3.00 MF$ 0.50

PAPE, R.
INVESTIGATION OF SOLUBILITY AND DIFFUSION OF OXYGEN IN REFRACTORY METALS SECOND QUARTERLY REPORT, 1 OCT. - 31 DEC. 1965.
N66-38755 11F S04 23 HC$ 2.00 MF$ 0.50

PAPPAS, ARTHUR
DESIGN, DEVELOPMENT AND TESTING OF AN ACOUSTIC ANEMOMETER.
AD-641 574 4B T66 24 HC$ 3.00 MF$ 0.75

PAPPAS, G. D.
THE FINE STRUCTURE OF THE SUPRAMEDULLARY NEURONS OF THE PUFFER WITH SPECIAL REFERENCE TO ENDOCELLULAR AND PERICELLULAR CAPILLARIES.
AD-641 735 6C T66 24

PAPPAS, R. G.
A COMPARISON OF THREE METHODS FOR THE CORRECTION OF RADAR ELEVATION ANGLE REFRACTION ERRORS.
AD-641 705 17I T66 24 HC$ 2.00 MF$ 0.50

PAQUETTE, RADNOR J.
THE HARDENING OF ASPHALT IN HOT BITUMINOUS MIXES DURING THE HAULING PROCESS.
PB-173 411 13C U41 24 HC$ 3.00 MF$ 0.75

PARKER, DAVID A.
CONTROLLED PH AND OXIDATION-REDUCTION POTENTIAL WITH A NEW GLASS TISSUE-CULTURE FERMENTOR.
AD-641 939 6L T66 24

PARKER, L. W.
ANALYTIC AND COMPUTER STUDIES OF ELECTRON COLLECTION BY A SPHERICAL SATELLITE IN THE EARTH S MAGNETIC FIELD.
N66-38802 4A S04 23 HC$ 2.50 MF$ 0.75

PATH, M. C.
CHINESE LIVER FLUKE--CLONORCHIS SINENSIS--ITS OCCURRENCE IN HONG KONG.
AD-641 882 6E T66 24

PATRICK, WILLIAM C., III.
A PRACTICAL METHOD FOR PARTIAL PURIFICATION OF THE ORGANISM OF PSITTACOSIS GROWN IN CHICKEN EMBRYO YOLK SAC.
AD-641 946 6M T66 24

PATTERSON, J. H.
CHEMICAL ANALYSIS OF SURFACES USING ALPHA PARTICLES.
N66-33168 7D S04 19 HC$ 3.00 MF$ 0.75

PAULL, S.
LOW POWER NANOSECOND PULSE AND LOGIC CIRCUITS USING TUNNEL DIODES.
N66-33967 9A S04 19 HC$ 1.00 MF$ 0.50

PAVLINOV, L. V.
DIFFUSION OF URANIUM IN MOLYBDENUM, NIOBIUM, ZIRCONIUM, AND TITANIUM.
N66-33719 7B S04 19 HC$ 1.00 MF$ 0.50

PAVLOV, L. P.
EFFECT OF CRYSTALLINE STRUCTURE ON THE PHOTOELECTRIC PROPERTIES OF THIN LAYERS OF CADMIUM SULFIDE.
N66-33705 20L S04 19 HC$ 1.00 MF$ 0.50

PAVLOV, V. S.
VAPOR PRESSURE IN SOLID YTTRIUM.
N66-33677 20M S04 19 HC$ 1.00 MF$ 0.50

PAXTON, H. W.
TRANSFORMATION KINETICS, MICROPLASTICITY AND AGING OF MARTENSITE IN FE-31 NI.
AD-641 428 11F T66 24 HC$ 7.00 MF$ 1.50

PAYNE, JOHN B., III.
ULTRA WIDEBAND DIGITAL DELAY LINE.
AD-641 378 9A T66 24 HC$ 3.00 MF$ 0.75

PAYNE, J. B.
SINGLE AND CASCADED WIDEBAND TRANSISTOR AMPLIFIERS.
AD-641 648 9E T66 24 HC$ 4.00 MF$ 0.75

PEAK, L. S.
ISOBAR PRODUCTION IN HIGH-ENERGY NUCLEAR INTERACTIONS.
AD-641 490 20M T66 24

PEARSON, A. O.
TRANSONIC STATIC AND DYNAMIC LONGITUDINAL STABILITY CHARACTERISTICS OF A LOW-FINENESS- RATIO, BLUNTED-CYLINDER REENTRY BODY HAVING A CONVERGING-CONE AFTERBODY.
N66-33318 1D S04 19 HC$ 2.00 MF$ 0.50

PEART, R. F.
DIFFUSION OF V48 AND FE59 IN VANADIUM.
AD-641 788 11F T66 24

PECKHAM, CYRIL G.
A STRUCTURAL FLIGHT LOADS RECORDING PROGRAM ON CIVIL TRANSPORT HELICOPTERS.
AD-641 677 1C T66 24 HC$ 4.00 MF$ 0.75

PEDLOSKY, JOSEPH
A NOTE ON THE WESTERN INTENSIFICATION OF THE OCEANIC CIRCULATION.
AD-641 732 8C T66 24

PELEG, BEZALEL
MINIMAL SEPARATING COLLECTIONS.
AD-641 460 12A T66 24 HC$ 1.00 MF$ 0.50

PELLICORI, R. M.
COMMUNICATIONS OF THE LUNAR AND PLANETARY LABORATORY, VOLUME

5, PART 1, NUMBER 78.
N66-38712 3B S04 23 HC$ 4.00 MF$ 1.25

PELLINEN, L. P.
RESEARCH IN GEODETIC GRAVIMETRY,
AD-641 753 8E T66 24 HC$ 4.00 MF$ 1.00

PENA, RICARDO
ATMOSPHERIC SOUND PROPAGATION NEAR THE EARTH S SURFACE,
AD-473 746 3B U41 24 HC$ 1.60 MF$ 0.50

PENLAND, J. A.
STATIC LONGITUDINAL, DIRECTIONAL, AND LATERAL STABILITY AND CONTROL DATA AT A MACH NUMBER OF 6.83 OF THE FINAL CONFIGURATION OF THE X- 15 RESEARCH AIRPLANE.
N66-33328 1D S04 19 HC$ 3.00 MF$ 0.75

PENROSE, OLIVER
RIGOROUS TREATMENT OF THE VAN DER WAALS-MAXWELL THEORY OF THE LIQUID-VAPOR TRANSITION,
AD-641 632 20M T66 24

PENROSE, R.
NOTE ON THE BONDI-METZNER-SACHS GROUP,
AD-641 680 20J T66 24

10 EXACT GRAVITATIONALLY-CONSERVED QUANTITIES,
AD-641 682 20J T66 24

PEPELKO, WILLIAM E.
EFFECT OF DIFFERENT INERT GASES AND LOW PRESSURE NORMOXIC ENVIRONMENTS ON OXYGEN UPTAKE IN MICE.
AD-641 569 6S T66 24 HC$ 1.00 MF$ 0.50

PEQUEGNAT, WILLIS E.
OCEANOGRAPHY OF THE GULF OF MEXICO.
AD-641 364 8J T66 24 HC$ 3.00 MF$ 0.75

PEREIRA, A. N.
HEAT CONDUCTIVITY OF POLYATOMIC AND POLAR GASES AND GAS MIXTURES.
N66-33184 20M S04 19 HC$ 3.00 MF$ 0.75

PEREZ, J. R.
LIFE DETECTION SUBSYSTEM PROGRESS REPORT NO. 1.
N66-33444 6P S04 19 HC$ 3.00 MF$ 0.50

PERKINS, G. S.
RANGER BLOCK III ATTITUDE CONTROL SYSTEM - MANUFACTURING, TESTING, AND PERFORMANCE.
N66-38501 22B S04 23 HC$ 3.00 MF$ 0.75

PERLOW, S.
SIGNAL ENHANCEMENT TECHNIQUES.
AD-641 413 9E T66 24 H.$ 3.00 MF$ 0.75

PERRIN, CLAUDE
INTERACTIONS A DEUX CORPS DANS LA REACTION 9BE(N,NN) ALPHA ALPHA A 14 MEV - I. MISE EN EVIDENCE DES ETATS RESONNANTS (TWO-BODY INTERACTION IN THE REACTION 9BE(N,NN) ALPHA ALPHA AT 14 MEV. I. EXISTENCE OF RESONATING STATES).
PB-173 398 26H U41 24 HC$ 2.00 MF$ 0.50

PETERSON, J. P.
TEST OF A LARGE-DIAMETER RING-STIFFENED CYLINDER SUBJECTED TO HYDROSTATIC PRESSURE,
N66-38411 20K S04 23 HC$ 1.00 MF$ 0.50

PETERSON, N. C.
CLIMB PATH FOR LEAST ELAPSED TIME.
AD-102 897 17G U41 24 HC$ 1.60

PETERSON, W. W.
SOME RESULTS ON CYCLIC CODES WHICH ARE INVARIANT UNDER THE AFFINE GROUP.
AD-641 561 9D T66 24 HC$ 3.00 MF$ 0.50

PETERS, ARTHUR S.
ABEL S EQUATION AND THE CAUCHY INTEGRAL EQUATION OF THE SECOND KIND.
AD-641 368 12A T66 24 HC$ 2.00 MF$ 0.50

PETREE, M. C.
THERMODYNAMIC PROPERTIES OF POLYBUTENE-1 AND BUTENE-1,
AD-641 867 7D T66 24 HC$ 1.00 MF$ 0.50

PETTEBONE, E. R.
SPACE CELL TEST PROGRAM MONTHLY PROGRESS REPORT, 31 JUL. 1966.
N66-38768 10C S04 23 HC$ 5.00 MF$ 1.25

PFEIFER, R. F.
A DISTORTION ANALYSIS OF THE MOS TRANSISTOR.
AD-641 306 9A T66 24 HC$ 2.00 MF$ 0.50

PHALEN, D. I.
STRUCTURAL CHANGES IN HIGH-STRENGTH STEEL ASSOCIATED WITH STRESS CORROSION AND ITS RELATIONSHIP TO DELAYED FAILURE.
AD-462 843 11F U41 24 HC$ 1.00

AD-469 171 11F U41 24 HC$ 1.00 MF$ 0.50

PHILLIPS, R. A.
SPECIFIC AND NONSPECIFIC PASSIVE IMMUNITY IN INFANT RABBIT CHOLERA.
AD-642 803 6F T66 24

PHILLIPS, W. P.
GROUND EFFECTS RELATED TO LANDING OF AIRPLANES WITH LOW-ASPECT-RATIO WINGS,
N66-38138 1B S04 23 HC$ 1.00 MF$ 0.50

PIACESI, ROBERT
A STUDY OF THE ROLE OF MECHANICAL-STRENGTH PROPERTIES ON THE PHENOMENA OF SPALLATION,
AD-641 874 20K T66 24 HC$ 2.00 MF$ 0.50

PIERCE, ALLAN D.
INFRASONIC MODES AN OMNIBUS DIGITAL COMPUTER PROGRAM FOR THE STUDY OF ACOUSTIC-GRAVITY WAVE PROPAGATION,
AD-641 367 4A T66 24 HC$ 3.00 MF$ 0.75

PIERPONT, P. K.
PRELIMINARY INVESTIGATION OF INTERFERENCE EFFECTS OF MULTICOPLANAR FINS ON A TWO-STAGE ROCKET LAUNCH VEHICLE WITH WINGED SPACECRAFT AT TRANSONIC SPEEDS.
N66-33349 22D S04 19 HC$ 2.00 MF$ 0.50

A NOTE ON THE ABILITY TO PREDICT TRANSONIC DRAG-RISE CHANGES DUE TO MODEL MODIFICATIONS.
N66-34879 1A S04 19 HC$ 2.00 MF$ 0.50

TRANSONIC WIND-TUNNEL INVESTIGATION OF STATIC LONGITUDINAL AND LATERAL STABILITY AND CONTROL CHARACTERISTICS AND DRAG RISE OF A REPRESENTATIVE FIGHTER AIRPLANE.
N66-34082 1D S04 19 HC$ 3.00 MF$ 1.00

PITAL, ABE
DIRECT FLUORESCENT LABELING OF MICROORGANISMS AS A POSSIBLE LIFE-DETECTION TECHNIQUE,
AD-641 936 6M T66 24

PLENDL, J. N.
TEMPERATURE DEPENDENCE OF INFRARED DISPERSION IN IONIC CRYSTALS LIF AND MGO.
AD-641 694 20F T66 24

POLAK, E.
OPTIMAL CONTROL OF APERIODIC DISCRETE-TIME SYSTEMS.
AD-641 493 12B T66 24

POLGREEN, JOHN
ORGANIZATION AND PRESENTATION OF IMAGE INTERPRETER REFERENCE AND AUXILIARY INFORMATION.
AD-641 326 5B T66 24 HC$ 4.00 MF$ 0.75

POLIKOVSKII, V. I.
ON OPERATION OF PUMPS AND BLOWERS UNDER REDUCED FEED REGIMES.
AD-641 856 20D T66 24 HC$ 1.00 MF$ 0.50

POLLACK, JAMES B.
RADAR DOPPLER SPECTROSCOPY OF MARS. I. ELEVATION DIFFERENCES BETWEEN BRIGHT AND DARK AREAS.
PB-173 443 3B U41 24 HC$ 3.00 MF$ 0.75

POLLACK, SOLOMON L.
THE ROLE OF DATA INPUT IN AUTOMATIC DATA PROCESSING SYSTEMS.
AD-252 910 9B U41 24 HC$ 3.60

POMEROY, PAUL W.
EXCITATION OF SURFACE WAVES BY THE UNDERGROUND NUCLEAR EXPLOSION LONG SHOT,
AD-642 002 8K T66 24

POPKIN, SAMUEL L.
CRISIS LEVEL AND CIVIL DEFENSE ATTITUDES,
AD-641 989 5J T66 24 HC$ 3.00 MF$ 0.75

POPOV, N. N.
HEAT-RESISTANT CHROMIUM CARBIDE COATING WITH A SILICATE BINDER,
N66-33690 11F S04 19 HC$ 1.00 MF$ 0.50

POPPENDIEK, H. F.
WHOLE ORGAN FREEZING AND THAWING HEAT TRANSFER AND THERMAL PROPERTIES.
AD-641 900 6E T66 24 HC$ 1.00 MF$ 0.50

PORTER, GERALD
FINAL TECHNICAL REPORT, JULY 1, 1965 TO JUNE 30, 1966.
AD-641 853 12A T66 24 HC$ 1.00 MF$ 0.50

PORTER, R. N.
PROPELLANT EXPULSION IN UNMANNED SPACECRAFT.
N66-37804 21H S04 23 HC$ 2.50 MF$ 0.75

AN EXPERIMENTAL EVALUATION OF 100-LB-THRUST ABLATIVELY COOLED ROCKET ENGINES.
N66-37805 21H S04 23 HC$ 2.00 MF$ 0.50

N66-38503 21H S04 23 HC$ 2.00 MF$ 0.50

PORT, SIDNEY C.
EQUILIBRIUM SYSTEMS FOR STABLE PROCESSES,
AD-641 329 12A T66 24 HC$ 2.00 MF$ 0.50

POSCHENRIEDER, W. P.
PLASMA BEAM CALIBRATION MASS SPECTROMETER.
N66-38363 20F S04 23 HC$ 2.00 MF$ 0.50

POSTMAN, L.
SECOND CALIFORNIA CONFERENCE ON VERBAL LEARNING AND VERBAL BEHAVIOR,
AD-641 437 5J T66 24

POTTEIGER, L. A.
EXPLOSIVE HARDENING OF IRON AND LOW-CARBON STEEL,
AD-453 901 13H U41 24 HC$ 3.00 MF$ 0.50

POTTER, W. E.
AN ELECTRIC FIELD METER FOR ROCKET AND SATELLITE USE.

N66-37998 4A S04 23 HC$ 4.00 MF$ 0.75

POWELL JR, C. A.
VIBRATIONAL CHARACTERISTICS OF SANDWICH PANELS IN A REDUCED-PRESSURE ENVIRONMENT,
N66-33456 20K S04 19 HC$ 1.00 MF$ 0.50

POWELL, A. M.
DEVELOPMENT OF ELECTRICAL SWITCHGEAR FOR SPACE NUCLEAR ELECTRICAL SYSTEMS QUARTERLY PROGRESS REPORT NO. 6, MAR. 4 - JUN. 4, 1966,
N66-33505 9A S04 19 HC$ 2.50 MF$ 0.75

POWERS, M. A.
THE PREPARATION OF A THEODOLITE PROBLEM FOR LARGE SCALE COMPUTING MACHINES,
AD-641 963 8E T66 24 HC$ 1.00 MF$ 0.50

PRAVETSKIY, V. N.
AN IMPORTANT STEP IN SPACE MEDICINE, SOME RESULTS OF THE EXPERIMENT ON THE COSMOS 110 SATELLITE,
N66-33725 6S S04 19 HC$ 1.00 MF$ 0.50

PRICE JR, H. G.
INVESTIGATION OF INJECTORS FOR A LOW-CHAMBER- PRESSURE HYDROGEN-FLUORINE ROCKET ENGINE,
N66-33333 21H S04 19 HC$ 2.00 MF$ 0.50

EXPERIMENTAL PERFORMANCE OF LIQUID HYDROGEN AND LIQUID FLUORINE IN REGENERATIVELY COOLED ROCKET ENGINES,
N66-33342 21H S04 19 HC$ 2.00 MF$ 0.50

PRICE, W. E.
A STUDY OF POTENTIAL ROLES OF SUPERSONIC TRANSPORT CREWS AND SOME IMPLICATIONS FOR THE FLIGHT DECK, VOLUME II - FEASIBLE AUTOMATED AND MANUAL IMPLEMENTATION CONCEPTS FOR SST ACTIVITIES AND FUNCTIONS, FINAL REPORT,
N66-38751 5H S04 23 HC$ 6.00 MF$ 3.00

PRINZ, DIANNE K.
STRENGTH-HALF-WIDTH PRODUCTS OF SELF-BROADENED LINES IN THE 6.3 MICRON BAND OF WATER VAPOR,
PB-173 429 4A U41 24 HC$ 3.00 MF$ 0.75

PRISTERA, FRANK
INVESTIGATION OF METHODS FOR THE ANALYSIS OF LEAD AZIDE,
AD-156 422 7C U41 24 HC$ 1.60

PROKHOROV, A. M.
POPULATION INVERSION IN ADIABATIC EXPANSION OF A GAS MIXTURE,
AD-641 863 7D T66 24 HC$ 1.00 MF$ 0.50

PROKOFYEV, V. A.
ON THE QUESTION OF CALCULATION OF RADIATION IN ONE-DIMENSIONAL MOVEMENT OF MONATOMIC GAS,
N66-33980 20D S04 19 HC$ 3.00 MF$ 1.00

PROKOPIUS, P. R.
USE OF A FLUIDIC OSCILLATOR AS A HUMIDITY SENSOR FOR A HYDROGEN-STEAM MIXTURE,
N66-33487 7D S04 19 HC$ 1.00 MF$ 0.50

PROTTER, M. H.
ON THE SPECTRUM OF GENERAL SECOND ORDER OPERATORS,
AD-641 738 12A T66 24

ON THE CAPACITY OF COMPOSITE CONDUCTORS,
AD-641 739 20L T66 24

PRUITT, W. O.
INVESTIGATION OF ENERGY AND MASS TRANSFERS NEAR THE GROUND INCLUDING THE INFLUENCES OF THE SOIL-PLANT-ATMOSPHERE SYSTEM,
AD-260 695 2C U41 24 HC$ 17.10

PULATOV, U. U.
CONTRIBUTION TO THE THEORY OF THE ADSORPTION EFFECT AT THE SURFACE OF SEMICONDUCTORS AND GELS UNDER THE ACTION OF IONIZING RADIATION,
N66-33676 20L S04 19 HC$ 1.00 MF$ 0.50

PULLEN, KEATS A.
A METHOD OF ANALYSIS OF ANTENNA PROPERTIES,
AD-641 978 9E T66 24 HC$ 2.00 MF$ 0.50

PULLEN, KEATS A., JR.
TUBE CIRCUIT DESIGN USING THE G CURVE TECHNIQUE,
AD-641 980 9A T66 24 HC$ 3.60 MF$ 0.50

PULLEN, K. A.
THE USE OF CONDUCTANCE CURVES FOR PENTODE CIRCUIT DESIGN,
AD-641 981 9A T66 24 HC$ 1.60 MF$ 0.50

PUTTOCK, M. J.
AN INSTRUMENT FOR THE RAPID MEASUREMENT OF SURFACE DEFORMATIONS OF A 210-FT RADIO TELESCOPE,
N66-38361 14B S04 23 HC$ 2.00 MF$ 0.50

PYATENKO, V. S.
CATHODE LUMINESCENCE OF NORMAL AND CANCEROUS CELLS,
AD-641 750 6C T66 24 HC$ 1.00 MF$ 0.50

PYK, N. C.
DEVELOPMENT OF AN ASPHALT PAVEMENT AIR PERMEAMETER AND EVALUATION OF ITS USE,
PB-173 487 13B U41 24 HC$ 6.00 MF$ 1.25

PYNCHON, G. E.
REFRACTIVE INDEX OF STRONTIUM OXIDE,
AD-641 788 20B T66 24

QUAYLE, J. R.
METABOLISM OF C1 COMPOUNDS BY MICROORGANISMS,
AD-641 993 6M T66 24 HC$ 2.00 MF$ 0.50

QUERFELD, C. W.
SPECTRAL TRANSMISSIVITY OF THE EARTH S ATMOSPHERE IN THE 250 TO 500 WAVE NUMBER INTERVAL. PART IV (FINAL). A THEORETICAL COMPUTATION FOR PURE ROTATIONAL ABSORPTION,
AD-641 696 4A T66 24 HC$ 3.00 MF$ 0.75

QUINLAN, M. ROSS
SEMANTIC MEMORY,
AD-641 671 6D T66 24 HC$ 6.00 MF$ 1.25

RACHELE, HENRY
A SOUND/RANGING TECHNIQUE FOR LOCATING SUPERSONIC MISSILES,
AD-641 669 17A T66 24 HC$ 2.00 MF$ 0.50

RADO, G. T.
PREPARATION AND CHARACTERIZATION OF ULTRA-PURE SOLIDS,
AD-641 958 20L T66 24 HC$ 3.00 MF$ 0.75

RADZILOWSKI, H.
PORPHINE-LIKE SUBSTANCES. III - SYNTHESIS BY ELECTRICAL DISCHARGE,
N66-33374 6A S04 19 HC$ 1.00 MF$ 0.50

RADZIMINSKI, J. B.
FATIGUE OF PLATES AND WELDMENTS IN HY-100 AND HY-130/150 STEELS,
AD-480 198 20K U41 24 HC$ 4.00 MF$ 0.75

RAFFALOVICH, AUBREY J.
CAPACITOR CHARACTERISTICS OF ANODIZED THIN-FILM HAFNIUM,
AD-641 338 9A T66 24 HC$ 2.00 MF$ 0.50

RAINEY, A. G.
AN EXPERIMENTAL INVESTIGATION OF AERODYNAMIC EFFECTS OF AIRFOIL THICKNESS ON TRANSONIC FLUTTER CHARACTERISTICS,
N66-33326 1A S04 19 HC$ 2.00 MF$ 0.50

RAJAGOPAL, A. K.
SPIN WAVES IN AN INTERACTING ELECTRON GAS,
AD-641 631 20C T66 24

SUPERCONDUCTING STATE OF AN ELECTRON GAS IN A HOMOGENEOUS MAGNETIC FIELD,
AD-641 635 20C T66 24

RAKICH, J. V.
THE AERODYNAMIC CHARACTERISTICS OF SEVERAL THICK DELTA WINGS AT MACH NUMBERS TO 6 AND ANGLES OF ATTACK 50 DEG,
N66-33340 1A S04 19 HC$ 3.00 MF$ 0.75

RAMPY, J. M.
IMPORTANT VSTOL AIRCRAFT STABILITY DERIVATIVES IN HOVER AND TRANSITION,
AD-641 371 1A T66 24 HC$ 2.00 MF$ 0.50

RAMSEY, WILLIAM H.
AN UNATTENDED METEOR TRAIL HIGH ALTITUDE WIND AND DENSITY MEASURING SET,
AD-482 811 3B U41 24 HC$ 2.00 MF$ 0.50

RANDALL, R.
WHOLE ORGAN FREEZING AND THAWING HEAT TRANSFER AND THERMAL PROPERTIES,
AD-641 988 6E T66 24 HC$ 1.00 MF$ 0.50

RANEY, J. P.
AN EXPERIMENTAL AND ANALYTICAL STUDY OF THE LONGITUDINAL VIBRATION OF A SIMPLIFIED THOR VEHICLE STRUCTURE,
N66-38140 22D S04 23 HC$ 2.00 MF$ 0.50

RAO, N. R. NAGARAJC
EFFECT OF STRAIN RATE ON THE YIELD STRESS OF STRUCTURAL STEELS,
PB-173 413 11F U41 24 HC$ 1.00 MF$ 0.50

RAO, T. N.
SYNTHESIS OF LUMPED-DISTRIBUTED RC N-PORTS,
PB-173 482 9E U41 24 HC$ 1.00 MF$ 0.50

RAPETTI, V. A.
A SELECTIVE BIBLIOGRAPHY, 1949 - 1965,
N66-30723 5B S04 23 HC$ 2.00 MF$ 0.50

RASMUSSEN, M. L.
A STUDY OF DAMPING IN NONLINEAR OSCILLATIONS,
N66-37641 1A S04 23 HC$ 2.50 MF$ 0.50

RAUB, CH. J.
THE OCCURRENCE OF SUPERCONDUCTIVITY IN SULFIDES, SELENIDES, TELLURIDES OF PT-GROUP METALS,
AD-641 793 20C T66 24

RAYMENT, R. B.
DIFFUSION IN HYDRODYNAMIC MODELS OF STRATIFIED FLUIDS,
AD-641 403 8C T66 24 HC$ 1.00 MF$ 0.50

RAY, JOHN
LECTURES ON RELATIVITY THEORY,
AD-641 832 20J T66 24 HC$ 5.00 MF$ 1.00

REA, D. G.
SOME COMMENTS ON THE THE COMPOSITION OF THE MARTIAN SURFACE BY R. A. VAN TASSEL AND J. W. SALISBURY,
N66-37812 3B S04 23 HC$ 1.00 MF$ 0.50

REED, L.

INVESTIGATION OF SOLUBILITY AND DIFFUSION OF OXYGEN IN REFRACTORY METALS SECOND QUARTERLY REPORT, 1 OCT. - 31 DEC, 1965.
N66-38755 11F S04 23 HC$ 2.00 MF$ 0.50

REEVES, H.
A REVIEW OF NUCLEAR ENERGY GENERATION IN STARS, AND SOME ASPECTS OF NUCLEOSYNTHESIS,
N66-33182 3B S04 19 HC$ 4.00 MF$ 0.75

REICH, A.
PULSE COMPRESSION OPTICAL RANGING STUDY.
AD-465 151 20C U41 24 HC$ 2.00 MF$ 0.50

REICH, EDGAR
THE THEORY OF INFORMATION,
AD-116 595 9D U41 24 HC$ 5.60

REICH, E.
STATISTICAL THEORY OF NAVIGATION EMPLOYING INDEPENDENT INERTIAL AND VELOCITY MEASUREMENTS,
AD-85 423 17G U41 24 HC$ 5.60

STATISTICAL THEORY OF NAVIGATION EMPLOYING INDEPENDENT INERTIAL AND VELOCITY MEASUREMENTS MINIMUM RMS ERROR IN COMPUTED POSITION.
AD-85 982 17G U41 24 HC$ 2.60

REID, WILLIAM T.
A CLASS OF MONOTONE RICCATI MATRIX DIFFERENTIAL OPERATORS,
AD-641 702 12A T66 24

REILLEY, CHARLES N.
TWIN-ELECTRODE THIN-LAYER ELECTROCHEMISTRY DETERMINATION OF CHEMICAL REACTION RATES BY DECAY OF STEADY-STATE CURRENT,
AD-641 766 7D T66 24

REILLY III, F. P.
EXPERIMENTAL X-RAY STRESS ANALYSIS PROCEDURES FOR ULTRA HIGH STRENGTH MATERIALS,
N66-33418 11F S04 19 HC$ 1.00 MF$ 0.50

REILLY, H. J.
HEAT-TRANSFER ANALYSIS OF THE PLUM BROOK REACTOR,
N66-33973 18I S04 19 HC$ 2.00 MF$ 0.50

REINKE, DALE
PRODUCTION ENGINEERING MEASURE FOR INSULATED GATE FIELD EFFECT TRANSISTORS,
AD-641 401 9A T66 24 HC$ 3.00 MF$ 0.75

REIN, B. I.
THE ROLE OF ARTERIAL PULSATION IN EXPERIMENTAL HYDRONEPHROSIS,
AD-641 378 6E T66 24

REITWIESNER, G. W.
A COMPUTER PROGRAM FOR INVESTIGATING COMPUTER AND OPERATING SYSTEM TURN-AROUND FOR PROBLEMS EMPLOYING MULTIDIMENSIONAL ARRAYS,
N66-38708 9B S04 23 HC$ 2.00 MF$ 0.50

THE MEASUREMENT OF PROGRAM LOOPING SPEED IN DIGITAL COMPUTERS THROUGH MATRIX INVERSION BY PARTITIONING,
N66-38720 9B S04 23 HC$ 3.00 MF$ 0.75

RENICH, W. T.
THE DETERMINATION OF FLAME SPEED OF PENTABORANE-OXYGEN-NITROGEN MIXTURES,
AD-641 503 21B T66 24 HC$ 2.00 MF$ 0.50

RESNIKOFF, M.
A USEFUL RELATION AMONG CASIMIR OPERATORS,
AD-641 618 20J T66 24

REVINGTON, A. M.
MINIMUM ENERGY TIME-OPTIMAL CONTROL FOR SATURATING SAMPLED-DATA SYSTEMS.
N66-32704 9C S04 19 HC$ 1.00 MF$ 0.50

REVUSKY, SAMUEL H.
A SENSITIVE RANK TEST FOR COMPARING THE EFFECTS OF TWO TREATMENTS ON A SINGLE GROUP.
AD-641 417 5J T66 24

RHOADS, W. L.
SUPERSONIC TRANSPORT LUBRICATION SYSTEM INVESTIGATION THIRD SEMIANNUAL REPORT, 1 NOV. 1965 - 1 MAY 1966.
N66-32922 13I S04 19 HC$ 3.00 MF$ 1.00

RHODES, JOHN
NETS OF THRESHOLD ELEMENTS,
AD-641 541 9B T66 24

RHODES, J. M.
COMPREHENSIVE SPECTRAL ANALYSIS OF HUMAN EEG GENERATORS IN POSTERIOR CEREBRAL REGIONS,
AD-641 374 6P T66 24

RHODIN, T. N.
KIKUCHI EFFECTS FROM LOW-ENERGY ELECTRONS IN NICKEL,
AD-641 546 20B T66 24

RICARDI, L. J.
DIRECTIVITY OF AN ARRAY OF SLOTS ON THE SURFACE OF A CYLINDER.
AD-641 959 9E T66 24 HC$ 2.00 MF$ 0.50

RICHARDSON, J. R.
NEW SOLID-STATE DEVICE CONCEPTS,
AD-641 496 9A T66 24 HC$ 3.00 MF$ 0.50

RICHARDSON, N. R.
PROJECT FIRE INSTRUMENTATION FOR RADIATIVE HEATING AND RELATED MEASUREMENTS.
N66-38410 20M S04 23 HC$ 2.50 MF$ 0.75

RICHMAN, DONALD
RESOLUTION OF MULTIPLE TARGETS IN CLUTTER.
AD-641 430 17I T66 24 HC$ 3.00 MF$ 0.75

RICHTER JR, H. L.
INSTRUMENTS AND SPACECRAFT, OCTOBER 1957 - MARCH 1965 SPACE MEASUREMENTS SURVEY,
N66-33075 22B S04 19 HC$ 6.00 MF$ 4.75

RIDER, DANIEL
A THEOREM OF LITTLEWOOD AND LACUNARY SERIES FOR COMPACT GROUPS,
AD-641 466 12A T66 24

RIDER, LAURENCE J.
WIND SHEAR CALCULATIONS FOR SMALL SHEAR LAYERS,
AD-641 744 4B T66 24 HC$ 1.00 MF$ 0.50

RIDINGS, T. L.
TESTS OF DRY COMPOSITE LUBRICATED BEARINGS FOR USE IN AN AEROSPACE ENVIRONMENTAL CHAMBER,
AD-458 414 11H U41 24 HC$ 2.00

RIEDMULLER, G. F.
A MINERAL TRANSITION IN ATMOSPHERIC DUST TRANSPORT,
AD-641 706 8G T66 24 HC$ 2.00 MF$ 0.50

RIEGER, E.
MOTION OF ARTIFICIAL ION CLOUDS IN THE UPPER ATMOSPHERE.
N66-38343 4A S04 23 HC$ 2.00 MF$ 0.50

RIELY, P. E.
DETERMINATION OF THE INDIGENOUS MICROFLORA OF MEN IN CONTROLLED ENVIRONMENTS FINAL REPORT, JUL. 1964 - NOV. 1965.
N66-38192 6M S04 23 HC$ 7.00 MF$ 2.00

RIGLER, JOANNE
MOLECULAR NEUROCHEMISTRY OF THE BRAIN DURING CONDITIONED AVOIDANCE BEHAVIOR.
AD-641 615 5J T66 24 HC$ 2.00 MF$ 0.50

RIM, K.
AN EXTENSION OF PLANE STRAIN ANALYSIS,
N66-38422 20M S04 23 HC$ 1.00 MF$ 0.50

RITCHIE, ARTHUR DOUGLAS
MOVIE OF THE INTERPLANETARY MAGNETIC FIELD.
AD-641 972 3B T66 24 HC$ 1.00 MF$ 0.50

ROBBINS, DAVID
DISCLOSURES ON A TRANSROTOR ENGINE, HIGH TEMPERATURE PLATINUM RESISTANCE THERMOMETER, DYNAMIC ANALOG CORRELATION SYSTEM, AND COMBINATION METERING AND SAFETY VALVE FOR FILLING SONDE BALLONS WITH HYDROGEN,
NBS-TN-295 14B U41 24 HC$ 0.25 MF$ 0.50

ROBERTSON, WILLIAM G.
STUDY OF MAN DURING A 56-DAY EXPOSURE TO AN OXYGEN-HELIUM ATMOSPHERE AT 258 MM. HG TOTAL PRESSURE. V. EXERCISE PERFORMANCE AND CARDIOVASCULAR RESPONSE,
AD-641 805 6S T66 24

THE STUDY OF MAN DURING A 56-DAY EXPOSURE TO AN OXYGEN-HELIUM ATMOSPHERE AT 258 MM HG TOTAL PRESSURE. VII. RESPIRATORY FUNCTION,
AD-641 829 6S T66 24

THE STUDY OF MAN DURING A 56-DAY EXPOSURE TO AN OXYGEN-HELIUM ATMOSPHERE AT 258 MM. HG. TOTAL PRESSURE. XII. CLINICAL OBSERVATIONS,
AD-641 953 6S T66 24

ROBERTSON, W. G.
STUDY OF MAN DURING A 56-DAY EXPOSURE TO AN OXYGEN-HELIUM ATMOSPHERE AT 258 MM. HG TOTAL PRESSURE. I. INTRODUCTION AND GENERAL EXPERIMENTAL DESIGN,
AD-641 820 6S T66 24

OBSERVATIONS ON MAN IN AN OXYGEN-HELIUM ENVIRONMENT AT 380 MM. HG TOTAL PRESSURE. II. RESPIRATORY,
AD-641 828 6S T66 24

ROBERTS, ALAN P.
SIGNIFICANCE OF ANTIBACTERIAL LEVELS IN THE RENAL LYMPH DURING TREATMENT FOR PYELONEPHRITIS,
AD-641 377 6E T66 24

ROBERTS, B. W.
SUPERCONDUCTIVE MATERIALS AND SOME OF THEIR PROPERTIES.
NBS-TN-408 20L U41 24 HC$ 0.45 MF$ 0.75

ROBERTS, LEO
DEFICIENCY INVESTIGATION OF THE 1-LB. TNT DEMOLITION BLOCK CHARGE,
AD-641 643 19A T66 24 HC$ 2.00 MF$ 0.50

ROBERTS, W. H.
FRICTION AND WEAR BEHAVIOR OF SLIDING BEARING MATERIALS IN SODIUM ENVIRONMENTS AT TEMPERATURES UP TO 600 DEG C.
N66-37936 20K S04 23 HC$ 2.00 MF$ 0.50

ROBINSON, E. A.
SEISMIC WAVE PROPAGATION IN LAYERED MEDIA. PART I SCIENTIFIC REPORT.
N66-33922 8K S04 19 HC$ 1.00 MF$ 0.50

MULTICHANNEL Z-TRANSFORMS AND MINIMUM-DELAY SCIENTIFIC REPORT NO. 35.
N66-38296 8G S04 23 HC$ 3.00 MF$ 0.50

ROBINSON, J. W.
MEASUREMENTS OF PLASMA ENERGY DENSITY AND CONDUCTIVITY FROM 3 TO 120 KILOBARS.
N66-38710 20I S04 23 HC$ 2.00 MF$ 0.50

ROBINSON, P. D.
AN APPRAISAL OF FOPIM FAST-CONVERGING PERTURBATION METHOD.
N66-33174 20J S04 19 HC$ 1.00 MF$ 0.50

ROBINSON, R. B.
STABILITY AND CONTROL CHARACTERISTICS AT A MACH NUMBER OF 1.89 OF A LIGHTWEIGHT GLIDER REENTRY CONFIGURATION.
N66-33337 22C S04 19 HC$ 1.00 MF$ 0.50

ROBINSON, R. C.
A WIND-TUNNEL INVESTIGATION OF THE DYNAMIC STABILITY OF AXISYMMETRIC MODELS WITH HAMMERHEAD NOSES IN TRANSONIC FLOW.
N66-38365 1A S04 23 HC$ 2.00 MF$ 0.50

ROBINS, J. L.
KIKUCHI EFFECTS FROM LOW-ENERGY ELECTRONS IN NICKEL.
AD-641 546 20B T66 24

ROBNER, S. R.
THE INFLUENCE OF STRAIN RATE AND STRAIN AGEING ON THE FLOW STRESS OF COMMERCIALLY PURE ALUMINUM.
AD-641 995 11F T66 24 HC$ 2.00 MF$ 0.50

RODGERS, WILLIAM H.
BIBLIOGRAPHY ON EARTH MOVEMENT.
AD-641 716 8H T66 24 HC$ 6.00 MF$ 1.25

RODGIN, DAVID W.
THE STUDY OF MAN DURING A 56-DAY EXPOSURE TO AN OXYGEN-HELIUM ATMOSPHERE AT 258 MM. HG TOTAL PRESSURE. XIII. BEHAVIOR FACTORS.
AD-641 807 6S T66 24

RODKEY, F. LEE
INTEGRATING PHOTOELECTRIC RECORDER FOR PAPER AND OTHER ELECTROPHORETIC MEASUREMENTS.
AD-641 565 6L T66 24 HC$ 1.00 MF$ 0.50

ROETLING, P. G.
PROJECT SLOPE - STUDY OF LUNAR ORBITER PHOTOGRAPHIC EVALUATION FINAL REPORT.
N66-38492 14E S04 23 HC$ 3.25 MF$ 1.00

ROGERS, K. W.
AN ORBITING DENSITY MEASURING INSTRUMENT.
N66-33539 14B S04 19 HC$ 2.50 MF$ 0.50

EXPERIMENTAL INVESTIGATIONS OF SOLID NITROGEN FORMED BY CRYOPUMPING.
N66-33982 20H S04 19 HC$ 2.00 MF$ 0.50

ROGER, BERNARD
CONTRIBUTION A L ETUDE DE LA DESORPTION DES GAZ DE FISSION FORMES DANS L OXYDE D URANIUM IRRADIE (CONTRIBUTION TO THE STUDY OF THE DESORPTION OF FISSION GASES FORMED IN IRRADIATED URANIUM OXIDE).
PB-173 389 18G U41 24 HC$ 2.00 MF$ 0.50

ROHRMAN, F. A.
SEPARATION OF ISOTOPES BY ELECTROLYSIS.
AD-43 734 18B U41 24 HC$ 1.60

ROLLBUHLER, R. J.
INVESTIGATION OF SMALL-SCALE HYDRAZINE- FLUORINE INJECTORS.
N66-33332 21H S04 19 HC$ 1.00 MF$ 0.50

EXPERIMENTS WITH HYDROGEN AND OXYGEN IN REGENERATIVE ENGINES AT CHAMBER PRESSURES FROM 100 TO 300 POUNDS PER SQUARE INCH ABSOLUTE.
N66-33344 21H S04 19 HC$ 2.00 MF$ 0.50

ROOT, R. G.
INFLIGHT AND GROUND-BASED SIMULATION OF HANDLING QUALITIES OF VERY LARGE AIRPLANES IN LANDING APPROACH.
N66-38805 1B S04 23 HC$ 2.50 MF$ 0.75

ROQUE, C.
SCATTERING OF ENERGETIC PARTICLES BY LABORATORY PLASMAS.
N66-34076 20I S04 19 HC$ 2.00 MF$ 0.50

ROSCHKE, E. J.
EXPERIMENTAL INVESTIGATION OF A CONFINED, JET- DRIVEN WATER VORTEX.
N66-38502 20D S04 23 HC$ 2.00 MF$ 0.50

ROSENBAUM, B.
RANGE RESIDUALS IN VHF RADAR TRACKING.
N66-33984 17I S04 19 HC$ 1.00 MF$ 0.50

ROSENBERG, T. J.
ENERGY SPECTRUM FOR AURORAL-ZONE X RAYS. I. DIURNAL AND TYPE EFFECTS.
AD-641 458 4A T66 24

SPATIAL AND TEMPORAL CHARACTER OF FAST VARIATIONS IN AURORAL ZONE X RAYS.
AD-641 459 4A T66 24

ROSENWALD, ALBERT J.
STREPTOMYCIN INHIBITION OF ELABORATION OF STAPHYLOCOCCAL ENTEROTOXIC PROTEIN.
AD-641 958 6M T66 24

ROSENWASSER, HYMAN
AZIDE TITLES.
AD-641 697 19A T66 24 HC$ 3.00 MF$ 0.75

ROSEN, A.
A COMPREHENSIVE MAP OF THE SPACE RADIATION ENVIRONMENT.
AD-641 589 3B T66 24 HC$ 6.00 MF$ 1.50

DISCONTINUOUS YIELDING OF COMMERCIALLY PURE ALUMINUM.
AD-641 998 11F T66 24 HC$ 2.00 MF$ 0.50

THE INFLUENCE OF STRAIN RATE AND STRAIN AGEING ON THE FLOW STRESS OF COMMERCIALLY PURE ALUMINUM.
AD-641 995 11F T66 24 HC$ 2.00 MF$ 0.50

ROSEN, MICHAEL
FINAL TECHNICAL REPORT, JULY 1, 1965 TO JUNE 30, 1966.
AD-641 853 12A T66 24 HC$ 1.00 MF$ 0.50

ROSEN, R.
A STUDY OF SECONDARY INJECTION OF GASES INTO A SUPERSONIC FLOW.
N66-32724 20D S04 19 HC$ 2.50 MF$ 0.75

ROSE, R. E.
HUMAN TRACKING PERFORMANCE IN UNCOUPLED AND COUPLED TWO-AXIS SYSTEMS.
N66-33981 5H S04 19 HC$ 5.00 MF$ 0.75

ROSHCHINA, G. M.
CHANGES IN APPETITE FOR WATER, GLUCOSE, SODIUM, AND POTASSIUM IN RATS WHEN THE SODIUM PUMP IS INHIBITED BY STROPHANTHIN- K.
N66-33764 6C S04 19 HC$ 1.00 MF$ 0.50

ROSSIN, D.
ROCKET LAUNCHER STUDIES.
AD-445 710 19G U41 24 HC$ 2.00

ROSSMANN, T. G.
PHOTOGRAPHIC INVESTIGATION OF PROPELLANT STREAM BEHAVIOR IN A FIRING ROCKET ENGINE, VOLUME I TECHNICAL SUMMARY REPORT, 1 AUG. 1964 - 28 FEB. 1966.
N66-34042 21H S04 19 HC$ 3.00 MF$ 0.75

ROSS, HOWARD R.
AN ANALYSIS OF INTERCITY PASSENGER TRAFFIC MOVEMENT WITHIN THE CALIFORNIA CORRIDOR THROUGH 1980.
AD-641 611 15E T66 24 HC$ 5.00 MF$ 1.00

ROTHE, WILLIAM E.
IONIZING RADIATION, INJURY, PREVENTION AND TREATMENT.
AD-641 880 6R T66 24 HC$ 2.00 MF$ 0.50

ROTH, M. P.
A STUDY OF MAN S PHYSICAL CAPABILITIES ON THE MOON. VOLUME III - WORK PHYSIOLOGY RESEARCH PROGRAM.
N66-38798 6B S04 23 HC$ 4.25 MF$ 2.00

ROUSE JR, J. W.
USE OF ORBITAL RADARS FOR GEOSCIENCE INVESTIGATIONS.
N66-32758 8B S04 19 HC$ 2.00 MF$ 0.50

ROUSH, R. G.
AN AUDIO TIMER.
AD-44 181 9E U41 24 HC$ 3.60

ROUVROY, HUGUETTE
DESCRIPTION D UN DISPOSITIF PERMETTANT LA CONTAMINATION D ANIMAUX DE LABORATOIRE PAR INHALATION D AEROSOLS RADIOACTIFS (DEVICE FOR CONTAMINATING LABORATORY ANIMALS BY INHALATION OF RADIOACTIVE AEROSOLS).
PB-173 384 6R U41 24 HC$ 2.00 MF$ 0.50

ROWAN, NEILON J.
CHANNELIZATION.
PB-173 417 13B U41 24 HC$ 3.00 MF$ 0.75

ROXIN, EMILIO
ON STABILITY IN CONTROL SYSTEMS.
AD-641 868 9E T66 24

LOCAL DEFINITION OF GENERALIZED CONTROL SYSTEMS.
AD-641 869 12B T66 24

ROYSTER, D. M.
X-RAY MEASUREMENT OF RESIDUAL STRESSES IN TITANIUM ALLOY SHEET.
N66-38113 11F S04 23 HC$ 2.00 MF$ 0.50

ROZENSHTOK, YU. L.
AN UNSTEADY THERMAL LAMINAR BOUNDARY LAYER ON A SEMI-INFINITE PLATE IN A VISCOUS FLOW.
N66-33724 20D S04 19 HC$ 1.00 MF$ 0.50

RUDD, R. A.
INDEX OF REFRACTION OF EXCITED MONATOMIC GASES.
AD-641 387 20H T66 24 HC$ 1.00 MF$ 0.50

RUFEH, F.
OPTIMUM ELECTRODE CAVITIES FOR THERMIONIC ENERGY CONVERTERS.
AD-641 432 10B T66 24 HC$ 3.00 MF$ 0.75

RULON, PHILLIP J.
A COMPARISON OF TWO METHODS OF TEACHING MORSE CODE.
AD-641 320 5I T66 24 HC$ 2.00 MF$ 0.50

A COMPARISON OF TWO METHODS OF TEACHING TYPEWRITING.
AD-641 321 5I T66 24 HC$ 2.00 MF$ 0.50

RUSCH, W. V. T.
INTERACTION OF MICROWAVES WITH AN INHOMOGENEOUS AND ANISOTROPIC PLASMA COLUMN,
AD-641 726 20I T66 24

RUSSELL, S. B.
GENERAL-PURPOSE I/O CHANNEL AND INTERFACE FOR HAYSTACK 490 COMPUTER.
AD-641 649 17I T66 24 HC$ 2.00 MF$ 0.50

RUSSELL, ROGER W.
DIFFERENTIAL REINFORCEMENT OF SEMANTICALLY CONDITIONED RESPONSES TRANSFER EFFECTS DURING INTERROGATION.
AD-641 624 5J T66 24 HC$ 3.00 MF$ 0.50

RUSSO, JOHN A., JR.
A STATISTICAL APPROACH TO THE 12-48-HR PREDICTION OF PRECIPITATION PROBABILITY.
PB-173 423 4B U41 24 HC$ 4.00 MF$ 0.75

RUSS, E. J.
FEASIBILITY STUDY OF FREEZE-OUT TECHNIQUES FOR CONTAMINANT CONTROL WITHIN MANNED SPACECRAFT ATMOSPHERES FINAL TECHNICAL REPORT, 11 OCT. 1965 - 11 APR. 1966.
N66-33198 5E S04 19 HC$ 5.00 MF$ 1.00

RUSTAY, W. C.
TEMPERATURE AND DENSITY MEASUREMENTS IN THE BASE REGION OF A CLUSTERED ROCKET MODEL USING AN ELECTRON BEAM TECHNIQUE.
N66-34045 21H S04 19 HC$ 4.00 MF$ 1.00

RUZECKI, MARY ANN
NEEDS FOR ENVIRONMENTAL SATELLITES,
PB-173 486 22B U41 24 HC$ 4.00 MF$ 0.75

RYACHOV, O. L.
INFRARED QUENCHING OF THE PHOTOVOLTAIC EFFECT IN CADMIUM SULFIDE.
N66-33685 20L S04 19 HC$ 1.00 MF$ 0.50

RYAN, P. E.
A GENERALIZED EXPERIMENTAL STUDY OF INLET TEMPERATURE RISE OF JET V/STOL AIRCRAFT IN GROUND EFFECT.
AD-641 618 1C T66 24 HC$ 5.00 MF$ 1.00

SACKTOR, BERTRAM
REGULATION OF GLYCOLYSIS IN TETANIZED CAT SKELETAL MUSCLE IN SITU.
AD-641 573 6A T66 24 HC$ 1.00 MF$ 0.50

SADACCA, ROBERT
ORGANIZATION AND PRESENTATION OF IMAGE INTERPRETER REFERENCE AND AUXILIARY INFORMATION.
AD-641 326 5B T66 24 HC$ 4.00 MF$ 0.75

SAGAN, CARL
RADAR DOPPLER SPECTROSCOPY OF MARS. I. ELEVATION DIFFERENCES BETWEEN BRIGHT AND DARK AREAS.
PB-173 443 3B U41 24 HC$ 3.00 MF$ 0.75

SAH, C. T.
A DISTORTION ANALYSIS OF THE MOS TRANSISTOR.
AD-641 306 9A T66 24 HC$ 2.00 MF$ 0.50

SALTZMAN, DOROTHY C.
SOME DESIGN FACTORS AFFECTING THE SPEED OF IDENTIFICATION OF RANGE RINGS ON POLAR COORDINATE DISPLAYS,
AD-50 619 5E U41 24 HC$ 2.60

SALTZMAN, I. J.
SOME DESIGN FACTORS AFFECTING THE SPEED OF IDENTIFICATION OF RANGE RINGS ON POLAR COORDINATE DISPLAYS,
AD-50 619 5E U41 24 HC$ 2.60

SAMPATH, P. I.
CYCLOTRON RESONANCE IN ZINC.
AD-641 621 20L T66 24

SANDERS, W. A.
DIFFERENT SCREENING CONSTANTS FOR DIFFERENT PHYSICAL PROPERTIES. I.
N66-33360 20J S04 19 HC$ 2.00 MF$ 0.50

SANDERS, W. T.
DISLOCATION KINK IN A CRYSTAL MODEL.
AD-641 383 20B T66 24

SANDS, ANNE W.
ANNOTATED BIBLIOGRAPHY OF BRATSK AND KRASNOIARSK HYDROELECTRIC PROJECTS IN CENTRAL SIBERIA, USSR,
AD-641 304 10B T66 24 MF$ 0.75

SARABIA, M. F.
AERODYNAMIC PERFORMANCE AND STATIC STABILITY AND CONTROL OF FLAT-TOP HYPERSONIC GLIDERS AT MACH NUMBERS FROM 0.6 TO 18.
N66-33311 1D S04 19 HC$ 3.00 MF$ 0.75

SAUNDERS, A. F.
RELATIONSHIPS BETWEEN TROPICAL PRECIPITATION AND KINEMATIC CLOUD MODELS FINAL TECHNICAL REPORT, 15 AUG. 1965 - 14 FEB. 1966.
N66-33328 4A S04 23 HC$ 2.00 MF$ 0.50

SAUNDERS, W.
ADHESION BETWEEN ATOMICALLY PURE METALLIC SURFACES, PART IV SEMIANNUAL REPORT.
N66-32805 11F S04 19 HC$ 2.00 MF$ 0.50

SAVAGE, H. C.
NASA TUNGSTEN REACTOR RADIATION CHEMISTRY STUDIES FINAL REPORT,
N66-38496 7E S04 23 HC$ 3.00 MF$ 1.00

SAVITSKAYA, E. P.
A METHOD OF DETERMINING SENSITIVITY OF RICKETTSIA BURNETI TO ANTIBIOTICS IN VITRO,
AD-641 752 6O T66 24 HC$ 1.00 MF$ 0.50

SAVITSKIY, YE. M.
PHASE DIAGRAM AND PROPERTIES OF ALLOYS OF THE ALUMINUM-SCANDIUM SYSTEM.
N66-33687 11F S04 19 HC$ 1.00 MF$ 0.50

INVESTIGATIONS OF EFFECT OF INTERSTITIAL IMPURITIES ON THE STRUCTURE AND PROPERTIES OF TUNGSTEN SINGLE CRYSTALS.
N66-33722 11F S04 19 HC$ 1.00 MF$ 0.50

SAWYER, J. W.
AERODYNAMIC CHARACTERISTICS OF TENSION SHELL SHAPES AT MACH 3.0.
N66-37677 1A S04 23 HC$ 2.00 MF$ 0.50

SCARF, F. L.
SURVEY OF VLF ELECTRIC FIELDS IN THE MAGNETOSPHERE WITH THE POLAR ORBITING SPACECRAFT, 1964-45A.
N66-32722 4A S04 19 HC$ 2.50 MF$ 0.75

WAVE-PARTICLE INTERACTIONS IN THE SOLAR WIND.
N66-33389 20H S04 19 HC$ 2.00 MF$ 0.50

SCHACHMAN, H. K.
ULTRACENTRIFUGE STUDIES WITH ABSORPTION OPTICS. IV. MOLECULAR WEIGHT DETERMINATIONS AT THE MICROGRAM LEVEL,
AD-641 831 6A T66 24

SCHAEFFER, ELIZABETH
MOLECULAR NEUROCHEMISTRY OF THE BRAIN DURING CONDITIONED AVOIDANCE BEHAVIOR.
AD-641 615 5J T66 24 HC$ 2.00 MF$ 0.50

SCHEIMAN, J.
INVESTIGATION OF MAGNETIC TAPE WEAR CHARACTERISTICS - DEVELOPMENT OF A TAPE WEAR SIMULATOR.
AD-450 169 14C U41 24 HC$ 3.60

SCHETZ, JOSEPH A.
AEROSPACE ENGINEERING 1966,
AD-641 434 20D T66 24 HC$ 5.00 MF$ 1.00

SCHINDLER, A. I.
PREPARATION AND CHARACTERIZATION OF ULTRA-PURE SOLIDS.
AD-641 958 20L T66 24 HC$ 3.00 MF$ 0.75

SCHINELLER, E. R.
DEVELOPMENT OF OPTICAL WAVEGUIDES AND COMPONENTS PROGRESS REPORT NO. 1339, FEB. 1965 - MAR. 1966.
N66-32757 20E S04 19 HC$ 3.00 MF$ 0.75

SCHMIDT, JEROME P.
VIRAL ANTIBODY PRODUCTION IN ANIMALS EXPOSED TO A SPACE CABIN ENVIRONMENT.
AD-641 566 6S T66 24 HC$ 1.00 MF$ 0.50

STUDY OF MAN DURING A 56-DAY EXPOSURE TO AN OXYGEN-HELIUM ATMOSPHERE AT 258 MM. HG TOTAL PRESSURE. X. ENTERIC MICROBIAL FLORA,
AD-641 817 6S T66 24

SCHMIDT, ROBERT
STUDY OF BASIC FIXED GUNNERY,
AD-641 824 5I T66 24 HC$ 3.00 MF$ 0.75

SCHMID, H.
SPATIAL TRIANGULATION BY MEANS OF PHOTOGRAMMETRY,
AD-641 342 8E T66 24 HC$ 8.60 MF$ 0.75

ERROR THEORY OF INTERSECTION PHOTOGRAMMETRY,
AD-641 347 8E T66 24 HC$ 3.60 MF$ 0.50

AN ALTERNATE SOLUTION FOR THE INTERSECTION PROBLEM.
AD-641 979 8E T66 24 HC$ 1.10 MF$ 0.50

SCHMID, P. E.
ATMOSPHERIC TRACKING ERRORS AT S-BAND AND C-BAND FREQUENCIES.
N66-32942 17B S04 19 HC$ 2.00 MF$ 0.50

SCHMITT, R. A.
METEORITIC, SOLAR, AND TERRESTRIAL RARE-EARTH DISTRIBUTION.
N66-34044 8D S04 19 HC$ 6.00 MF$ 1.50

SCHNEIDER, LOUIS E.
CONTROLLED PH AND OXIDATION-REDUCTION POTENTIAL WITH A NEW GLASS TISSUE-CULTURE FERMENTOR,
AD-641 939 6L T66 24

SCHOENBERG, A. A.
ANALYSIS OF CONDENSING PRESSURE CONTROL FOR SNAP-8 SYSTEM.
N66-37683 18N S04 23 HC$ 1.00 MF$ 0.50

SCHOLER, M.
AMBIPOLAR DIFFUSION OF A PLASMA CLOUD IN A MAGNETIC FIELD.
N66-38342 20I S04 23 HC$ 2.00 MF$ 0.50

SCHRAMP, JOSEPH M.
METALLIZATION FAILURES IN SEMICONDUCTOR DEVICES,
AD-641 563 9A T66 24 HC$ 1.00 MF$ 0.50

SCHULTZ, LOUISE
MACHINE PROCESSING IN A SPECIAL LIBRARY, VOL I. A SURVEY OF CASE STUDIES,

AD-445 618 5B U41 24 HC$ 2.00

SCHULZ, G. J.
KINETIC ENERGY DISTRIBUTION OF NEGATIVE IONS FORMED BY DISSOCIATIVE ATTACHMENT AND THE MEASUREMENT OF THE ELECTRON AFFINITY OF OXYGEN,
AD-641 848 7D T66 24 HC$ 2.00 MF$ 0.50

SCHUTTLER, R. J.
EFFICIENCY OF ORGANIC SCINTILLATORS FOR FAST NEUTRONS.
N66-33434 18K S04 19 HC$ 3.00 MF$ 0.75

SCHWARTZ, C. M.
STRUCTURAL CHANGES IN HIGH-STRENGTH STEEL ASSOCIATED WITH STRESS CORROSION AND ITS RELATIONSHIP TO DELAYED FAILURE.
AD-462 843 11F U41 24 HC$ 1.00

AD-468 171 11F U41 24 HC$ 1.00 MF$ 0.50

SCHWARTZ, J. T.
A REMARK ON MORSE THEORY,
AD-641 870 12A T66 24

SCHWARTZ, J. W.
MULTIPLE ACCESS TO A COMMUNICATION SATELLITE WITH A HARD-LIMITING REPEATER. VOLUME I. MODULATION TECHNIQUES AND THEIR APPLICATIONS,
AD-457 945 22B U41 24 HC$ 3.00

MULTIPLE ACCESS TO A COMMUNICATION SATELLITE WITH A HARD-LIMITING REPEATER,
AD-465 789 22B U41 24 HC$ 6.00 MF$ 1.50

SCHWARTZ, R.
INVESTIGATION OF MAGNETIC TAPE WEAR CHARACTERISTICS - DEVELOPMENT OF A TAPE WEAR SIMULATOR,
AD-450 169 14C U41 24 HC$ 3.60

SCHWEIGER, A.
SEPARATION OF SIMPLE SUGARS ON CELLULOSE LAYERS.
N66-33684 6A S04 19 HC$ 1.00 MF$ 0.50

SCOTTO, JOHN E., JR.
NUCLEAR MOISTURE-DENSITY EVALUATION, PART II,
PB-173 421 13B U41 24 HC$ 2.00 MF$ 0.50

SCOTT, J. C.
CHEMICAL RIGIDIZATION OF EXPANDABLE STRUCTURES.
AD-484 442 13M U41 24 HC$ 4.00 MF$ 0.75

SCOTT, A. T.
COVERING THEOREMS FOR UNIVALENT FUNCTIONS,
AD-641 512 12A T66 24

SECRIST, D. R.
IDENTIFICATION OF UNCOMMON NON-CRYSTALLINE SOLIDS AS REA GLASSES.
N66-33185 11B S04 19 HC$ 1.00 MF$ 0.50

SEEBOHM, H.-C.
STATUS AND SPECIAL PROBLEMS OF THE GERMAN CIVIL AVIATION. SPECIAL PROBLEMS OF THE INTERNATIONAL ECONOMIC COOPERATION IN THE AVIATION FIELD IN PARTICULAR RESPECT TO DEVELOPING NATIONS.
N66-34037 5C S04 19 HC$ 2.00 MF$ 0.50

SEEMAN, J. S.
A TECHNIQUE TO INVESTIGATE SPACE MAINTENANCE TASKS,
N66-33115 5H S04 23 HC$ 1.00 MF$ 0.50

SELLEN JR, J. M.
RESEARCH ON ION BEAM DIAGNOSTICS FINAL REPORT.
N66-33759 10A S04 23 HC$ 3.00 MF$ 0.75

SELLERS, WALTER M,
STUDY OF MAN DURING A 56-DAY EXPOSURE TO AN OXYGEN-HELIUM ATMOSPHERE AT 258 MM. HG TOTAL PRESSURE. X. ENTERIC MICROBIAL FLORA,
AD-641 817 6S T66 24

SEMENOV, G. A.
DETERMINATION OF THE SATURATED VAPOR PRESSURE OF NIOBIUM DIOXIDE.
N66-33679 20M S04 19 HC$ 1.00 MF$ 0.50

SENDELBECK, R. L.
AN EXPERIMENTAL STUDY OF THE BUCKLING OF COMPLETE SPHERICAL SHELLS.
N66-33460 20K S04 19 HC$ 3.00 MF$ 0.75

SENDROY, JULIUS, JR.
INTEGRATING PHOTOELECTRIC RECORDER FOR PAPER AND OTHER ELECTROPHORETIC MEASUREMENTS.
AD-641 565 6L T66 24 HC$ 1.00 MF$ 0.50

SEPMEYER, L. W.
THE COST OF UNRELIABILITY OF AIR FORCE AIRBORNE ELECTRONIC EQUIPMENT AS PRESENTED BY THE COST OF MAINTENANCE.
AD-85 471 15E U41 24 HC$ 3.60

SERGEANT, RUSSELL L.
THE EFFECT OF FREQUENCY PASSBAND UPON THE INTELLIGIBILITY OF HELIUM-SPEECH IN NOISE.
AD-641 960 17B T66 24 HC$ 1.00 MF$ 0.50

SERIN, BERNARD
STUDIES OF FILMS IN THE SUPERCONDUCTIVE AND NORMAL PHASES.
AD-641 992 20C T66 24 HC$ 1.00 MF$ 0.50

SERRIN, JAMES
REMOVABLE SINGULARITIES OF SOLUTIONS OF ELLIPTIC EQUATIONS, II,
AD-641 928 12A T66 24

ISOLATED SINGULARITIES OF SOLUTIONS OF QUASI-LINEAR EQUATIONS,
AD-641 921 12A T66 24

SESHADRI, S. R.
THE INTEGRAL EQUATION FOR THE CURRENT IN AN ASYMMETRICALLY DRIVEN, THICK TUBULAR ANTENNA.
AD-641 362 9E T66 24 HC$ 1.00 MF$ 0.50

RADIATION CONDITION FOR A MAGNETOPLASMA MEDIUM-I.
AD-641 661 20I T66 24 HC$ 3.00 MF$ 0.50

SETHARES, JAMES C.
TRANSMISSION LINE MODELS OF MAGNON-PHONON MODES IN FERRITES. PART I. UNCOUPLED MODES.
AD-641 638 20C T66 24 HC$ 1.00 MF$ 0.50

SEVIER, W. J.
FEASIBILITY STUDY OF FREEZE-OUT TECHNIQUES FOR CONTAMINANT CONTROL WITHIN MANNED SPACECRAFT ATMOSPHERES FINAL TECHNICAL REPORT, 11 OCT. 1965 - 11 APR. 1966.
N66-33198 5E S04 19 HC$ 5.00 MF$ 1.00

SEWELL, J. M.
A STUDY OF COHESIVE FORCES, REFRACTIVE INDICES AND GLASS TRANSITION TEMPERATURE DATA OF POLYMERS,
AD-641 308 7D T66 24 HC$ 1.00 MF$ 0.50

SHAFROTH, S. M.
NEW SPIN AND MIXING RATIO DETERMINATIONS FOR THREE LEVELS IN 60NI,
AD-641 533 20H T66 24

SHALIMOVA, K. V.
EFFECT OF CRYSTALLINE STRUCTURE ON THE PHOTOELECTRIC PROPERTIES OF THIN LAYERS OF CADMIUM SULFIDE.
N66-33705 20L S04 19 HC$ 1.00 MF$ 0.50

SHAMASOV, R. G.
CONTRIBUTION TO THE THEORY OF THE ADSORPTION EFFECT AT THE SURFACE OF SEMICONDUCTORS AND GELS UNDER THE ACTION OF IONIZING RADIATION.
N66-33676 20L S04 19 HC$ 1.00 MF$ 0.50

SHAMBAUGH, GEORGE E., III
ALTERATIONS IN THYROID PHYSIOLOGY DURING PNEUMOCOCCAL SEPTICEMIA IN THE RAT,
AD-641 840 6P T66 24

SHANKLAND, T. J.
SYNTHESIS AND OPTICAL PROPERTIES OF FORSTERITE.
AD-641 363 20L T66 24 HC$ 5.00 MF$ 1.00

SHANLEY, F. R.
AN INVESTIGATION OF CERAMICS AS STRUCTURAL MATERIALS.
N66-33752 20K S04 23 HC$ 1.00 MF$ 0.50

SHAO, J.
FEASIBILITY STUDY OF THIN FILM TUNNEL CATHODES.
N66-33753 9A S04 23 HC$ 2.00 MF$ 0.50

SHAPIRO, DAVID
OPERANT ELECTRODERMAL CONDITIONING SOME EFFECTS OF MULTIPLE SCHEDULES OF REINFORCEMENT,
AD-641 699 5J T66 24 HC$ 1.00 MF$ 0.50

SHAPIRO, MARVIN B.
THE FLIGHT OPERATIONS PLANNER.
AD-227 738 15G U41 24 HC$ 9.60

SHAPIRO, NORMAN Z.
THE FLIGHT OPERATIONS PLANNER.
AD-227 738 15G U41 24 HC$ 9.60

SHAPIRO, RALPH
THREE PEAKS NEAR 27 DAYS IN A HIGH-RESOLUTION SPECTRUM OF THE INTERNATIONAL MAGNETIC CHARACTER FIGURE, CI.
AD-641 350 8M T66 24

SHAPIRO, VICTOR L.
U (EPSILON)-SETS FOR WALSH SERIES,
AD-641 860 12A T66 24

SHARKEY, E. M.
THE ADVANTAGES OF FUNCTIONAL PACKAGING OF ELECTRONIC EQUIPMENT,
AD-224 277 9C U41 24 HC$ 1.10

SHARPE, W. F.
AIRCRAFT COMPARTMENT DESIGN CRITERIA FOR THE ARMY DEPLOYMENT MISSION,
AD-241 637 1C U41 24 HC$ 4.60

SHAW, M. P.
CYCLOTRON RESONANCE IN ZINC,
AD-641 621 20L T66 24

SHCHUKAREV, S. A.
DETERMINATION OF THE SATURATED VAPOR PRESSURE OF NIOBIUM DIOXIDE.
N66-33679 20M S04 19 HC$ 1.00 MF$ 0.50

SHEAFFER, Y. S.
ON THE DYNAMICS OF CAPILLARIES AND THE EXISTENCE OF PLASMA FLOW IN THE PERICAPILLARY LYMPH SPACE.
N66-32697 6P S04 19 HC$ 2.00 MF$ 0.50

SHEDLOVSKY, J. P.

COSMOGENIC RADIOACTIVITIES IN THE PEACE RIVER AND MARLETON CHONDRITES.
N66-33412 8G S04 19 HC$ 1.00 MF$ 0.50

SHELDON, ERIC
COMPOUND INELASTIC NUCLEON AND GAMMA-RAY ANGULAR DISTRIBUTIONS FOR EVEN-AND ODD-MASS NUCLEI.
AD-641 536 20H T66 24

SHELDON, WINSLOW G.
PANCREATIC FLUKES (EURYTREMA PROCYONIS) IN DOMESTIC CATS.
AD-641 416 6C T66 24

SHEPEL, MICHAEL
HEMAGGLUTINATION-INHIBITION METHOD AND IMMUNOFLUORESCENCE STAINING WITH VENEZUELAN EQUINE ENCEPHALOMYELITIS VIRUS.
AD-641 937 6M T66 24

SHERRY, E. J.
AN ASSEMBLY CONTAMINATION MODEL.
N66-32963 6T S04 19 HC$ 2.00 MF$ 0.50

SHIEH, S. Y.
A NEW METHOD IN THE THEORY OF POTENTIAL SCATTERING.
AD-641 722 20J T66 24

SHIH, Y.-N.
AN EXPERIMENT ON THE QUANTITATIVE DESCRIPTION OF CLIMATIC ELEMENT FIELD BY ORTHOGONAL FUNCTIONS.
N66-38717 4B S04 23 HC$ 1.00 MF$ 0.50

SHIM, K. S.
RESEARCH ON SYNTHESIS AND CHARACTERIZATION OF HIGHLY ARYLATED ORGANOSILICON COMPOUNDS.
AD-641 414 7C T66 24 HC$ 3.00 MF$ 0.75

SHINN JR, A. M.
INVESTIGATION OF INJECTORS FOR A LOW-CHAMBER- PRESSURE HYDROGEN-FLUORINE ROCKET ENGINE.
N66-33333 21H S04 19 HC$ 2.00 MF$ 0.50

SHIREY, WILLIAM N.
A PRACTICAL METHOD FOR PARTIAL PURIFICATION OF THE ORGANISM OF PSITTACOSIS GROWN IN CHICKEN EMBRYO YOLK SAC.
AD-641 946 6M T66 24

SHIRYAYEV, V. K.
THE PROBLEM OF THE VOLATILITY OF NIOBIUM OXIDES.
N66-33681 7D S04 19 HC$ 1.00 MF$ 0.50

SHOCKEY, D. A.
THE FRACTURE TOUGHNESS OF IMPURE MGO CRYSTALS.
AD-641 657 11B T66 24 HC$ 2.00 MF$ 0.50

SHOEMAKER, H. E.
PROTECTIVE COATINGS FOR CHROMIUM ALLOYS FINAL SUMMARY REPORT, 31 MAY 1965 - 30 JUN. 1966.
N66-38147 11F S04 23 HC$ 4.00 MF$ 1.00

SHORENSTEIN, D.
DETERMINATION OF THE INDIGENOUS MICROFLORA OF MEN IN CONTROLLED ENVIRONMENTS FINAL REPORT, JUL. 1964 - NOV. 1965.
N66-38192 6M S04 23 HC$ 7.00 MF$ 2.00

SHOWEL, MORRIS
A STUDY OF CATEGORY IV PERSONNEL IN BASIC TRAINING.
AD-481 737 5I U41 24 HC$ 2.00 MF$ 0.50

SHRIVER, EDGAR L.
A DESCRIPTION OF SNAP PROGRAMMING.
AD-422 110 5I U41 24 HC$ 2.60

SHURIG, D. J.
AIRPHOTO INTERPRETATION OF ENGINEERING SOILS OF ALLEN COUNTY, INDIANA.
PB-173 494 8B U41 24 HC$ 2.00 MF$ 0.50

SHURTLEFF, D.
STUDIES IN DISPLAY SYMBOL LEGIBILITY. PART XIV. THE LEGIBILITY OF MILITARY MAP SYMBOLS ON TELEVISION.
AD-641 658 5E T66 24 HC$ 2.00 MF$ 0.50

SHUSTOVA, L. E.
ABYSSAL STRUCTURE OF THE BALTIC SHIELD ACCORDING TO GEOPHYSICAL INVESTIGATION DATA.
AD-641 754 8G T66 24 HC$ 1.00 MF$ 0.50

SIBLEY, L. B.
SUPERSONIC TRANSPORT LUBRICATION SYSTEM INVESTIGATION THIRD SEMIANNUAL REPORT, 1 NOV. 1965 - 1 MAY 1966.
N66-32922 13I S04 19 HC$ 3.00 MF$ 1.00

SIDRANSKY, F. S.
NONSTEADY LIQUID AND GAS FLOW WITH HEAT ADDITION AND SHOCK PERTURBATIONS.
N66-38748 20D S04 23 HC$ 2.50 MF$ 0.75

SIECKMANN, E. F.
REFRACTIVE INDEX OF STRONTIUM OXIDE.
AD-641 788 20B T66 24

SIECKMANN, E. P.
REFRACTIVE INDEX OF CALCIUM OXIDE.
AD-641 787 20B T66 24

SIEGERT, A. J. F.
ON THE PROBLEM OF DETERMINING THE POSITION ON A TARGET WITH CONSTANT SIGNAL IN THE PRESENCE OF CIRCUIT NOISE OR CHAFF.
AD-101 072 17I U41 24 HC$ 2.60

SIEGMAN, A. E.
UNSTABLE OPTICAL RESONATORS FOR LASER APPLICATIONS.
AD-466 878 20E U41 24 HC$ 2.00

SIESS, CHESTER P.
BEHAVIOR OF CONTINUOUS PRESTRESSED CONCRETE BEAMS.
PB-173 406 13M U41 24 HC$ 2.00 MF$ 0.50

SILBER, LEO
MEASUREMENT OF DIFFERENTIAL PHASE SHIFT.
AD-111 685 14B U41 24 HC$ 2.60

SILBEY, R. J.
AN APPLICATION OF HIRSCHFELDER- SILBEY PERTURBATION THEORY TO THE H2 PLUS ION.
N66-37904 7D S04 23 HC$ 1.00 MF$ 0.50

SILER, R. K.
METEOROLOGICAL CONSIDERATIONS IN THE HANDLING OF A MIXTURE OF LIQUID FLUORINE AND LIQUID OXYGEN.
N66-33768 4B S04 19 HC$ 2.00 MF$ 0.50

SILVERSTEIN, BENNETT L.
FOURTH SYMPOSIUM ON NAVAL HYDRODYNAMICS. PROPULSION HYDROELASTICITY, AUGUST 27-31, 1962, WASHINGTON, D. C.,
AD-447 732 20D U41 24

SIMMONS, C. E.
AN EXPERIMENTAL INVESTIGATION OF MIXING HIGH TEMPERATURE AIR WITH AMBIENT BYPASS AIR BY UPSTREAM INJECTION.
AD-641 712 20D T66 24 HC$ 2.00 MF$ 0.50

SIMONEAU, R. J.
BUOYANCY EFFECTS ON CRITICAL HEAT FLUX OF FORCED CONVECTIVE BOILING IN VERTICAL FLOW.
N66-38143 20M S04 23 HC$ 1.00 MF$ 0.50

SIMON, M. C.
DISINTEGRATION OF SN113.
AD-641 746 18H T66 24 HC$ 2.00 MF$ 0.50

SIMPSON, RICHARD S.
A THEORETICAL STUDY TO IMPROVE UTILIZATION OF MISSILE TELEMETRY SYSTEMS.
AD-468 425 9F U41 24 HC$ 3.00 MF$ 0.50

SIMPSON, W. C.
NASA CONTRIBUTIONS TO - CARDIOVASCULAR MONITORING.
N66-32925 6B S04 19 HC$ 2.00 MF$ 0.50

SIM, VAN M.
A MULTICHANNEL ANALYTICAL SYSTEM FOR CONTINUOUS MONITORING OF BLOOD CHOLINESTERASE.
AD-641 572 6A T66 24 HC$ 1.00 MF$ 0.50

SINAIKO, H. WALLACE
FUNCTIONAL RELATIONSHIP OF TIME DENSITY TO THE DETECTION OF DISCRETE RADAR TARGET EVENTS.
AD-641 452 17I T66 24 HC$ 2.00 MF$ 0.50

SINGER, JOSEF
EXPERIMENTAL AND THEORETICAL STUDIES ON BUCKLING OF CONICAL AND CYLINDRICAL SHELLS UNDER COMBINED LOADING.
AD-641 971 20K T66 24 HC$ 5.00 MF$ 1.00

SINHA, J. K.
MODIFIED TECHNIQUE FOR MEASURING DIELECTRIC CONSTANTS USING A RECTANGULAR CAVITY RESONATOR.
N66-33393 9C S04 19 HC$ 3.00 MF$ 0.50

SIRIEIX, M.
RECENT RESULTS IN THE STUDY OF PROBLEMS OF MIXING AND REATTACHMENT.
N66-33692 20D S04 19 HC$ 1.00 MF$ 0.50

SISNEROS, T. E.
ULTRAVIOLET GENERATOR STUDY.
AD-641 674 20F T66 24 HC$ 3.00 MF$ 0.75

SIVINSKI, J. A.
MEASUREMENTS OF A PRECURSOR ELECTRON FRONT.
AD-641 714 14B T66 24

SIZELAN, J. H.
RADIO ASTRONOMY SIGNAL SPECTRUM ANALYSER.
N66-33396 9F S04 19 HC$ 2.00 MF$ 0.50

SKADRON, G.
A HEURISTIC MODEL FOR THE VARIATION WITH RIGIDITY OF THE COSMIC-RAY CHARGE SPECTRUM.
AD-641 687 3B T66 24

SKAL, M.
IMPROVEMENT OF COMMUNICATION ARC LAMPS FOR VISIBLE AND INFRARED SIGNALLING EQUIPMENT.
AD-641 399 17B T66 24 HC$ 1.00 MF$ 0.50

SKIDAN, OLEG
CLOSE-IN EFFECTS OF NUCLEAR EXPLOSIONS. PART II. ANALYSIS OF GROUND SHOCK FROM NUCLEAR SURFACE BURSTS ON ROCK.
AD-641 311 8M T66 24 HC$ 4.00 MF$ 0.75

SLAGLE, OTIS D.
THE ELASTIC CONSTANTS OF SOME ALKALI HALIDES AS A FUNCTION OF TEMPERATURE AND COMPOSITION.
AD-641 653 20K T66 24 HC$ 5.00 MF$ 1.25

SLAMECKA, V.
INFORMATION SCIENCE.
N66-37803 5B S04 23 HC$ 1.00 MF$ 0.50

SLEEMAN JR, W. C.

AERODYNAMIC CHARACTERISTICS OF A 60 DEGREE SWEPTBACK-WING AIRPLANE CONFIGURATION HAVING TAIL SURFACES LOCATED OUTBOARD OF THE WING TIPS AT MACH NUMBERS OF 2.30, 2.97, 3.51, AND 4.06.
N66-33321 1A S04 19 HC$ 3.00 MF$ 0.50

INVESTIGATION OF AERODYNAMIC CHARACTERISTICS OF AN AIRPLANE CONFIGURATION HAVING TAIL SURFACES OUTBOARD OF THE WING TIPS AT MACH NUMBERS OF 2.30, 2.97, AND 3.51.
N66-33331 1A S04 19 HC$ 2.50 MF$ 0.50

SLOTA, S. A.
USE OF LOW-MELTING METAL ALLOYS FOR CASTING AND TRANSFER MOLDING OF HOLLOW PLASTIC SPHERES,
AD-641 974 13H T66 24 HC$ 1.00 MF$ 0.50

SLUSHER, GERALD R.
AN EVALUATION OF LOW-COST CARBON MONOXIDE INDICATORS.
AD-641 670 13L T66 24 HC$ 2.00 MF$ 0.50

SMETANA, J.
LIQUID-HYDROGEN DENSITY MEASUREMENTS USING AN OPEN-ENDED MICROWAVE CAVITY.
N66-33144 20M S04 23 HC$ 1.00 MF$ 0.50

SMITH, CLAGETT G.
ORGANIZATIONAL FACTORS IN SCIENTIFIC PERFORMANCE IN AN INDUSTRIAL RESEARCH LABORATORY.
AD-641 423 5A T66 24 HC$ 6.00 MF$ 1.25

SMITH, D. Y.
K BAND IN COLORED ALKALI HALIDE CRYSTALS,
AD-641 770 20L T66 24

OPTICAL ABSORPTION AND PHOTOCONDUCTIVITY IN THE K BAND OF SOME COLORED ALKALI HALIDES,
AD-641 771 20L T66 24

SMITH, F. H.
A TECHNIQUE TO INVESTIGATE SPACE MAINTENANCE TASKS,
N66-33115 5H S04 23 HC$ 1.00 MF$ 0.50

SMITH, F. J.
HIGHER-ORDER STATIONARY PHASE APPROXIMATIONS IN SEMICLASSICAL SCATTERING.
N66-33384 20M S04 19 HC$ 2.00 MF$ 0.50

COLLISION INTEGRALS FOR THE EXPONENTIAL ATTRACTIVE POTENTIAL.
N66-33415 20M S04 19 HC$ 1.00 MF$ 0.50

SMITH, F. T.
CLASSICAL AND QUANTAL SCATTERING. I - THE CLASSICAL ACTION,
N66-33175 20M S04 19 HC$ 1.00 MF$ 0.50

SMITH, G. W.
IDENTIFICATION OF LINEAR SYSTEM DYNAMICS USING EXPONENTIAL SPECTRAL COEFFICIENTS,
AD-641 792 12B T66 24

SMITH, H. A.
A NEW CLASS OF TRAPPED LIGHT FILAMENTS.
N66-33863 20E S04 19 HC$ 1.00 MF$ 0.50

SMITH, J. J.
USE OF PHASE-LOCKED-LOOP CONTROL FOR DRIVING ULTRASONIC TRANSDUCERS.
N66-33455 9C S04 19 HC$ 1.00 MF$ 0.50

SMITH, M. M.
NONSTEADY LIQUID AND GAS FLOW WITH HEAT ADDITION AND SHOCK PERTURBATIONS.
N66-33748 20D S04 23 HC$ 2.50 MF$ 0.75

SMITH, P. D.
HAYSTACK POINTING SYSTEM DIGITAL EQUIPMENT ORGANIZATION.
AD-641 641 17I T66 24 HC$ 1.00 MF$ 0.50

SMITH, R. H.
METEORITIC, SOLAR, AND TERRESTRIAL RARE-EARTH DISTRIBUTION,
N66-34044 8D S04 19 HC$ 6.00 MF$ 1.50

SMITH, R. R.
DIFFUSION IN HYDRODYNAMIC MODELS OF STRATIFIED FLUIDS.
AD-641 403 8C T66 24 HC$ 1.00 MF$ 0.50

SMITH, STANLEY W.
INVESTIGATION OF MECHANISMS FOR ELECTROCHEMICAL CATALYSIS.
AD-641 412 10B T66 24 HC$ 2.00 MF$ 0.50

SMITH, S. G.
THE LONG PERIOD ERRORS OF DOPPLER AND INERTIAL NAVIGATION SYSTEMS.
AD-641 719 17G T66 24 HC$ 2.00 MF$ 0.50

SMITH, S. R.
DATA CONVERTER AND DISPLAY SYSTEM FOR THE WISCONSIN EXPERIMENT ON THE ORBITING ASTRONOMICAL OBSERVATORY.
N66-33419 9D S04 23 HC$ 1.00 MF$ 0.50

SMITH, T. F.
PRESSURE DEPENDENCE OF THE SUPERCONDUCTING TRANSITION TEMPERATURE OF URANIUM,
AD-641 803 20C T66 24

PRESSURE DEPENDENCE OF THE SUPERCONDUCTING TRANSITION TEMPERATURE OF VANADIUM AND NIOBIUM,
AD-641 812 20C T66 24

SMOLINIKOV, B. A.
MOTION OF A RIGID BODY UNDER THE EFFECT OF ROTATION OF AN INTERNAL FLYWHEEL.
N66-33697 20D S04 19 HC$ 1.00 MF$ 0.50

SMOLNIKOV, B. A.
OPTIMAL CONDITIONS OF DECELERATING THE ROTATIONAL MOTION OF A SYMMETRIC BODY.
N66-33698 22A S04 19 HC$ 1.00 MF$ 0.50

SNAPP, RALPH B.
AN ANALYTICAL STUDY OF THIN FLUID FILMS IN FACETYPE SHAFT SEALS,
AD-460 741 11A U41 24 HC$ 4.00

SNYDER, C. T.
VALIDATION OF A RESEARCH SIMULATOR FOR INVESTIGATING JET TRANSPORT HANDLING QUALITIES AND AIRWORTHINESS CRITERIA DURING TAKEOFF.
N66-38747 14B S04 23 HC$ 2.50 MF$ 0.50

SOKOLOV, I. I.
THE PROBLEM OF FERTILIZATION IN IXODES TICKS,
AD-641 748 6C T66 24 HC$ 2.00 MF$ 0.50

SOLMON, G. W.
RANGE SAFETY DATA FOR SATURN SA-10.
N66-32794 22D S04 19 HC$ 2.50 MF$ 0.75

SOLTYSIK, EDWARD A.
REORIENTATION OF H ATOMS BY PROTON IMPACT.
AD-641 467 20H T66 24

SOMMER, S. C.
MEASUREMENTS OF THE MACH NUMBER AND PRESSURE ON THE AFTERBODY OF A BLUNT-NOSED MODEL IN FREE FLIGHT AT MACH NUMBERS FROM 6.5 TO 14.
N66-33338 1A S04 19 HC$ 1.00 MF$ 0.50

SONETT, C. P.
THE SOLAR WIND AND ITS INTERACTION WITH THE MAGNETOSPHERE.
N66-33419 4A S04 19 HC$ 2.00 MF$ 0.50

SOPER, WILLIAM THOMAS
EFFECT OF SODIUM BICARBONATE ON PLAQUE FORMATION BY TWO STRAINS OF VENEZUELAN EQUINE ENCEPHALOMYELITIS VIRUS,
AD-641 952 6M T66 24

SOPER, WILLIAM T.
MODIFIED GRADIENT PLATE FOR USE IN THE VIRUS PLAQUE TECHNIQUE,
AD-641 938 6M T66 24

SORENSON, R. M.
EFFECTS OF BOUNDARY-LAYER SUCTION AND SPOILERS ON TRANSONIC FLUTTER DERIVATIVES FOR A MIDSPAN CONTROL SURFACE ON AN UPSWEPT WING.
N66-33315 1D S04 19 HC$ 2.00 MF$ 0.50

EFFECTS OF MODIFICATIONS TO A CONTROL SURFACE ON A 6-PERCENT THICK UNSWEPT WING ON THE TRANSONIC CONTROL-SURFACE FLUTTER DERIVATIVES.
N66-33343 1A S04 19 HC$ 2.50 MF$ 0.75

SOZEN, METE A.
BEHAVIOR OF CONTINUOUS PRESTRESSED CONCRETE BEAMS.
PB-173 406 13H U41 24 HC$ 2.00 MF$ 0.50

A PRACTICAL ANALYSIS OF THE ANCHORAGE ZONE PROBLEM IN PRESTRESSED BEAMS.
PB-173 409 20K U41 24 HC$ 3.00 MF$ 0.50

SPAID, F. W.
A STUDY OF SECONDARY INJECTION OF GASES INTO A SUPERSONIC FLOW.
N66-32724 20D S04 19 HC$ 2.50 MF$ 0.75

SPAKOWSKI, A. E.
THERMAL CYCLING OF THIN-FILM CADMIUM SULFIDE SOLAR CELLS.
N66-37674 10A S04 23 HC$ 1.00 MF$ 0.50

SPALDING, B. B.
SOLID CARBON-DIOXIDE SUBLIMATION AT AN AXISYMMETRIC STAGNATION POINT.
AD-641 420 20M T66 24

SPANGLER, J. G.
EFFECTS OF PERIODIC BLOWING THROUGH FLUSH TRANSVERSE SLOTS ON TURBULENT BOUNDARY LAYER SKIN FRICTION.
N66-38804 1A S04 23 HC$ 2.50 MF$ 0.75

SPARROW, G. W.
VISUAL SIMULATION OF LUNAR ORBIT ESTABLISHMENT USING A SIMPLIFIED GUIDANCE TECHNIQUE.
N66-33448 17G S04 19 HC$ 2.00 MF$ 0.50

SPAULDING, ABBOTT G.
UNSUSPECTED RETINOBLASTOMA ENUCLEATION IN AN 11-YEAR OLD GIRL FOLLOWING INJURY AND PANOPHTHALMITIS,
AD-641 834 6E T66 24

SPAULDING, D. A.
LOSSLESS TIME-VARYING IMPEDANCE SYNTHESIS,
AD-641 468 9E T66 24

SPEARMAN, M. L.
STABILITY AND CONTROL CHARACTERISTICS AT A MACH NUMBER OF 1.89 OF A LIGHTWEIGHT GLIDER REENTRY CONFIGURATION.
N66-33337 22C S04 19 HC$ 1.00 MF$ 0.50

SPEEGLE, K. C.
BOUNDARY-LAYER-TRANSITION AND HEAT-TRANSFER MEASUREMENTS FROM FLIGHT TESTS OF BLUNT AND SHARP 50 DEGREE CONES AT MACH

NUMBERS FROM 1.7 TO 4.7,
N66-33310 1A S04 19 HC$ 2.00 MF$ 0.50

SPENCER JR, B.
STABILITY AND CONTROL CHARACTERISTICS AT LOW SUBSONIC SPEEDS OF AN AIRPLANE CONFIGURATION HAVING TWO TYPES OF VARIABLE-SWEEP WINGS.
N66-33319 1D S04 19 HC$ 3.00 MF$ 0.75

SUPERSONIC AERODYNAMIC CHARACTERISTICS OF A SERIES OF RELATED BODIES WITH CROSS-SECTIONAL ELLIPTICITY.
N66-33457 1A S04 19 HC$ 3.00 MF$ 0.75

SPENCER, R.
TEST PROGRAM ON THIN-WALLED TUBES WITH ZERO THERMAL GRADIENT FINAL REPORT.
N66-33572 20K S04 19 HC$ 3.25 MF$ 1.25

SPETH, ROBERT F.
A GENERALIZED EXPERIMENTAL STUDY OF INLET TEMPERATURE RISE OF JET V/STOL AIRCRAFT IN GROUND EFFECT.
AD-641 619 1C T66 24 HC$ 5.00 MF$ 1.00

SPICER, R. L.
EFFECT OF VOLUMETRIC ABSORPTION COEFFICIENT ON ROSSELAND RADIATIVE HEAT TRANSFER,
AD-641 954 20M T66 24 HC$ 1.00 MF$ 0.50

SPIGER, R. J.
DEUTERON ELASTIC SCATTERING FROM HE3 AND H3,
AD-641 999 20M T66 24

SPINOLO, GIORGIO
K BAND IN COLORED ALKALI HALIDE CRYSTALS,
AD-641 778 20L T66 24

OPTICAL ABSORPTION AND PHOTOCONDUCTIVITY IN THE K BAND OF SOME COLORED ALKALI HALIDES,
AD-641 771 20L T66 24

SPOONER, CHARLES E.
VARIOUS SEIZURE ACTIVITIES FOLLOWING GAMMA-HYDROXYBUTYRATE,
AD-641 381 6O T66 24

SPOONER, C. E.
INTRA-ARTERIAL BLOOD PRESSURE RECORDING IN THE UNRESTRAINED CHICK DURING WAKEFULNESS AND SLEEP,
AD-641 373 6P T66 24

A NEUROPHYSIOLOGICAL COMPARISON OF ALPHA-CHLORALOSE WITH GAMMA-HYDROXYBUTYRATE IN CATS,
AD-641 379 6O T66 24

SPRAGG, S. D. S.
THE EFFECTS OF FRICTION ON THE ACCURACY OF KNOB SETTINGS,
AD-109 236 5E U41 24 HC$ 1.10

THE EFFECT OF INTERMITTENT COURSE ILLUMINATION OF DIFFERING FREQUENCIES ON TRACKING PERFORMANCE,
AD-109 238 5E U41 24 HC$ 1.60

TRANSFER EFFECTS IN FOLLOWING TRACKING RESULTING FROM REVERSAL OF THE DISPLAY-CONTROL RELATIONSHIP ON ALTERNATE BLOCKS OF TRIALS,
AD-51 494 5E U41 24 HC$ 1.10

SQUIRES, W. K.
AN IDENTIFICATION SYSTEM FOR USE AS AN AID TO RAID DETECTION AND AIR TRAFFIC CONTROL,
AD-238 041 17G U41 24 HC$ 4.60

SQUIRE, WILLIAM
THE RELATION BETWEEN ABSOLUTE ITERATION AND NEWTON S METHOD,
AD-641 491 12A T66 24

STACEY, C. M.
THE SOVIET UNION AND THE UNITED STATES IN SPACE - MEMORANDUM OF THE SEMINARS, 23 MARCH - 28 APRIL 1965.
N66-33395 22A S04 19 HC$ 1.00 MF$ 0.50

STADLER, W.
DYNAMIC RESPONSE OF A CYLINDRICAL SHELL SEGMENT SUBJECTED TO AN ARBITRARY LOADING.
N66-33381 20K S04 19 HC$ 2.00 MF$ 0.50

STAFFORD, R. O.
AN EXTENSION OF PLANE STRAIN ANALYSIS.
N66-38422 20M S04 23 HC$ 1.00 MF$ 0.50

STAHL, A. F.
ANALYZATION, DESIGN, FABRICATION, AND TESTING OF A FOIL BEARING ROTOR SUPPORT SYSTEM FINAL TECHNICAL REPORT.
N66-32962 13I S04 19 HC$ 4.00 MF$ 0.75

STAHL, E.
WHITE OAK LAMINATES COMPARISON OF 12-DAY AND 3-HOUR DELINATION TEST RESULTS,
AD-641 984 11L T66 24 HC$ 1.00 MF$ 0.50

STAIR, A. K.
ANALYSIS OF THE VISCO SEAL. PART II - THE CONCENTRIC TURBULENT CASE.
N66-32803 13K S04 19 HC$ 2.50 MF$ 0.75

STANFORD, H. B.
PROPELLANT EXPULSION IN UNMANNED SPACECRAFT.
N66-37804 21H S04 23 HC$ 2.50 MF$ 0.75

STANLEY, R.
ALGORITHMIC COMPLEXITY.
N66-38504 12A S04 23 HC$ 1.00 MF$ 0.50

STANSELL, MARION J.
A PROCESS FOR THE CONTINUOUS FLOW, IN-LINE FRACTIONATION AND EXCHANGE OF VOLATILE SOLVENTS IN AUTOMATED CHEMISTRY.
AD-641 567 6A T66 24 HC$ 1.00 MF$ 0.50

STANTON, J. S.
THE DECAY OF SHOCK WAVES,
ATI-33 198 19D U41 24 HC$ 2.60

STAPLEFORD, R. L.
PILOT DESCRIBING FUNCTION MEASUREMENTS IN A MULTILOOP TASK.
N66-33461 5H S04 19 HC$ 2.00 MF$ 0.50

STARK, L.
VISUAL AND CONTROL ASPECTS OF SACCADIC EYE MOVEMENTS.
N66-37775 6P S04 23 HC$ 3.00 MF$ 1.00

BIOLOGICAL CONTROL SYSTEMS - A CRITICAL REVIEW AND EVALUATION.
N66-37776 6P S04 23 HC$ 4.25 MF$ 2.00

STECKER, F. WILLIAM
THE PRODUCTION OF COSMIC GAMMA RAYS IN INTERSTELLAR AND INTERGALACTIC COSMIC-RAY COLLISIONS, I, THE KINEMATICS OF P-P INTERACTIONS AND SECONDARY MESON AND HYPERON DECAY AND THE COSMIC GAMMA-RAY SPECTRAL SOURCE FUNCTION.
PB-173 444 3B U41 24 HC$ 3.00 MF$ 0.75

STEELE, L. E.
EFFECTS OF NEUTRON IRRADIATION ON THE PROPERTIES OF REACTOR STRUCTURAL MATERIALS.
AD-433 152 18J U41 24 HC$ 1.60

STEEL, G.
PROPERTIES OF LATTICE AND CONTINUUM VAN DER WAALS FLUIDS AT THE CRITICAL POINT,
AD-641 633 20M T66 24

STEGALL, HUGH F.
A SIMPLE PORTABLE SONOMICROMETER,
AD-641 571 6L T66 24 HC$ 1.00 MF$ 0.50

STEINBERG, M.
THE EFFECTS OF GANGLIONIC BLOCKADE UPON THE PRESSON RESPONSE ELICITED BY ELEVATION OF THE CEREBRAL SPINAL FLUID PRESSURE.
AD-641 527 6O T66 24

STEINBRECHER, D. H.
ANALOG CIRCUIT FOR DETERMINING THE RATIO AND PRODUCT OF TWO TIME FUNCTIONS.
N66-33179 9A S04 19 HC$ 1.00 MF$ 0.50

STEINER, ROBERT F.
AN ABSORPTION SPECTROPHOTOMETER CELL FOR USE AT HIGH PRESSURES AND ITS APPLICATION TO AN ENZYMIC REACTION.
AD-641 910 6A T66 24 HC$ 1.00 MF$ 0.50

STEINRISSER, F.
AN EVALUATION OF A BAKEOUT PROCEDURE FOR SMALL GLASS ULTRAHIGH VACUUM SYSTEMS.
N66-34048 13H S04 19 HC$ 1.00 MF$ 0.50

STEIN, F. MAX
DETERMINANTAL REPRESENTATIONS OF RECURSION RELATIONS FOR CERTAIN ORTHOGONAL POLYNOMIALS,
AD-641 457 12A T66 24

STEIN, G.
THE PHOTOCHEMICAL EVOLUTION OF OXYGEN FINAL SCIENTIFIC REPORT, 1962-1965.
N66-38175 7E S04 23 HC$ 2.00 MF$ 0.50

STEIN, R.
STELLAR EVOLUTION - A SURVEY WITH ANALYTIC MODELS.
N66-33425 3B S04 19 HC$ 4.00 MF$ 1.00

STEORTS, R. C.
A MODEL FOR THE DESIGN AND EVALUATION OF AIR CARGO SYSTEMS,
AD-641 335 15E T66 24 HC$ 3.00 MF$ 0.75

STEPHENS, D. G.
VIBRATIONAL CHARACTERISTICS OF SANDWICH PANELS IN A REDUCED-PRESSURE ENVIRONMENT.
N66-33456 20K S04 19 HC$ 1.00 MF$ 0.50

STEPHENS, K. S.
CHAIN SAMPLING INSPECTION PLANS - CHSP-0.4 AND CHSP-1.4 TECHNICAL REPORT NO. N-24.
N66-37927 12A S04 23 HC$ 1.00 MF$ 0.50

STERLING, GORDON W.
CALIBRATION TEST OF A490 HIGH-STRENGTH BOLTS,
PB-173 405 13E U41 24 HC$ 1.00 MF$ 0.50

STERLING, J. T.
STANDARD REFERENCE MATERIALS DETERMINATION OF OXYGEN IN FERROUS MATERIALS SRM 1090, 1091, AND 1092,
NBS-MISC-PUB-260-14 11F U41 24 HC$ 0.30 MF$ 0.50

STERNBERGH, S. A.
FLIGHT TYPE OXYGEN PARTIAL PRESSURE SENSOR.
N66-33459 6B S04 19 HC$ 2.00 MF$ 0.50

STERNBERG, ELI
TRANSFER OF LOAD FROM AN EDGE-STIFFENER TO A SHEET- A RECONSIDERATION OF MELAN S PROBLEM.
AD-641 497 20K T66 24 HC$ 2.00 MF$ 0.50

ON THE UNIQUENESS OF THE SOLUTION TO ELASTOSTATIC BOUNDARY-VALUE PROBLEMS FOR THE HALF-SPACE.

AD-641 651 12A T66 24 HC$ 1.00 MF$ 0.50

STERN, AARON
REPORT OF THE QUESTIONNAIRE STUDY OF 69 LIMB MAKERS AND LIMB FITTERS.
AD-641 316 6E T66 24 HC$ 2.00 MF$ 0.50

PROBLEMS IN THE FITTING AND SERVICING OF PROSTHETIC DEVICES FOR ABOVE-THE-KNEE AMPUTEES.
AD-641 318 6E T66 24 HC$ 2.00 MF$ 0.50

STERN, K. H.
HIGH TEMPERATURE PROPERTIES AND DECOMPOSITION OF INORGANIC SALTS. PART 1. SULFATES,
NBS-NSRDS-7 7D U41 24 HC$ 0.35 MF$ 0.50

STERRETT, J. R.
A THEORETICAL AND EXPERIMENTAL INVESTIGATION OF SECONDARY JETS IN A MACH 6 FREE STREAM WITH EMPHASIS ON THE STRUCTURE OF THE JET AND SEPARATION AHEAD OF THE JET.
N66-32721 20D S04 19 HC$ 2.00 MF$ 0.50

STETSON, A. R.
PROTECTIVE COATINGS FOR CHROMIUM ALLOYS FINAL SUMMARY REPORT, 31 MAY 1965 - 30 JUN. 1966.
N66-38147 11F S04 23 HC$ 4.00 MF$ 1.00

STEVENSON, RICHARD
FINE STRUCTURE IN THE ABSORPTION SPECTRA KMNF3 AND RBMNF3.
AD-641 915 20L T66 24 HC$ 1.00 MF$ 0.50

ABSORPTION SPECTRA OF MNF2 AND CAMNF3.
AD-641 917 20L T66 24 HC$ 1.00 MF$ 0.50

MAGNON SIDEBANDS IN CSMNF3.
AD-641 918 20L T66 24 HC$ 1.00 MF$ 0.50

A CRYOGENIC MAGNET SYSTEM FOR QUASI-CONTINUOUS OPERATION,
AD-641 919 9A T66 24 HC$ 1.00 MF$ 0.50

STICKNEY, T. M.
DEVELOPMENT OF A FAST RESPONSE TEMPERATURE GAGE FOR ROCKET VEHICLE PLUMBING SYSTEMS FINAL REPORT, 24 JUN. 1964 - 24 JUN. 1965.
N66-37905 14B S04 23 HC$ 3.00 MF$ 0.75

STIGLITZ, MARTIN R.
SWEPT FREQUENCY MEASUREMENT OF WATER-DROP DIAMETER,
AD-641 692 4B T66 24

STINNETT, G. W.
A SUPERCIRCULAR ENTRY GUIDANCE CONCEPT DESIGNED FOR MAXIMUM MONITORING CAPABILITY,
N66-37602 22C S04 23 HC$ 2.00 MF$ 0.50

STONEMAN, DAVID M.
FACTOR CHANGES AND LINEAR TRENDS IN EIGHT-RUN TWO-LEVEL FACTORIAL DESIGNS.
PB-173 442 12A U41 24 HC$ 1.00 MF$ 0.50

STONE, HUBERT L.
A SIMPLE PORTABLE SONOMICROMETER,
AD-641 571 6L T66 24 HC$ 1.00 MF$ 0.50

STOUT, E. L.
ON SOME RESTRICTION ALGEBRAS,
AD-641 537 12A T66 24

STRANGE, J. N.
CRATERING FROM HIGH EXPLOSIVE CHARGES. ANALYSIS OF CRATER DATA,
AD-263 178 19D U41 24 HC$ 11.60

STREET, ROBERT L.
A NONLINEAR THEORY FOR FULLY CAVITATING FLOWS PAST AN INCLINED FLAT PLATE.
AD-641 708 13J T66 24 HC$ 4.00 MF$ 0.75

STROMSTED, A. J.
STUDY OF LARGE ELECTRICAL BUS BARS IN PROTECTED DUCTS FOR AN ADVANCED SHIP,
PB-173 247 9A U41 24 HC$ 3.00 MF$ 0.75

STUART, J. T.
NONLINEAR ASPECTS OF INSTABILITY IN FLOW BETWEEN ROTATING CYLINDERS,
AD-641 841 20D T66 24

STUBER, F. W.
A DISTRIBUTED PARAMETERS MODEL FOR SOLAR CELLS.
N66-33403 10A S04 19 HC$ 1.00 MF$ 0.50

SUCHER, J.
FICTITIOUS NATURE OF CORE TERM IN EXCHANGE AMPLITUDE FOR ELECTRON-ATOM SCATTERING,
AD-641 625 20J T66 24

POLARIZATION OF A DECAY PARTICLE IN A TWO-STEP PROCESS APPLICATION TO NEGATIVE-KAON + PROTON TO NEUTRAL-PION + NEUTRAL-SIGMA HYPERON, NEUTRAL-SIGMA HYPERON TO GAMMA RAY + LAMBDA HYPERON.
AD-641 626 20H T66 24

SUGIURA, H.
GEOMAGNETIC DISTURBANCES.
N66-36364 4A S04 23 HC$ 2.00 MF$ 0.50

SUHL, H.
EXACT SOLUTION OF THE ONE-PARTICLE MODEL OF EXCHANGE SCATTERING IN SOLIDS.
AD-641 783 20C T66 24

SUKSOV, I. I.
DETERMINATION OF THE THERMAL CHARACTERISTICS OF A TWO-DIMENSIONAL LAMINAR BOUNDARY LAYER IN A COMPRESSIBLE GAS WITHOUT A LONGITUDINAL PRESSURE GRADIENT, IN THE VICINITY OF THE FORWARD STAGNATION POINT.
N66-33699 20H S04 19 HC$ 1.00 MF$ 0.50

SULLIVAN, D. L.
FEASIBILITY STUDY OF THIN FILM TUNNEL CATHODES.
N66-38793 9A S04 23 HC$ 2.00 MF$ 0.50

SULLIVAN, JOHN J.
REMOVAL OF HYDROGEN IMPURITIES IN CLOSED NOBLE GAS DISCHARGE SYSTEMS.
AD-641 360 20I T66 24 HC$ 2.00 MF$ 0.50

LATTICE VIBRATIONS OF WURTZITE STRUCTURE CRYSTALS.
AD-641 539 20B T66 24

SULLIVAN, L.
INVESTIGATION OF THE RELIABILITY OF STERILE INSERTION TECHNIQUES FOR SPACECRAFT MONTHLY LETTER REPORT, 23 JUN. - 23 JUL. 1966.
N66-32965 13M S04 19 HC$ 2.00 MF$ 0.50

SULLIVAN, M. P.
PLANKTON AND TURBIDITY.
AD-641 833 8A T66 24 HC$ 3.00 MF$ 0.75

SUMMERS, R. H.
RANGER BLOCK III ATTITUDE CONTROL SYSTEM - MANUFACTURING, TESTING, AND PERFORMANCE.
N66-38581 22B S04 23 HC$ 3.00 MF$ 0.75

SUN, T.
CHINESE LIVER FLUKE--CLONORCHIS SINENSIS--ITS OCCURRENCE IN HONG KONG,
AD-641 882 6E T66 24

SUTHERLAND, G. L.
SOME ADDITIONAL THEOREMS FOR A NON-STATIONARY STOCHASTIC PROCESS WITH A CONTINUOUS, NON-RANDOM, TIME-DEPENDENT COMPONENT,
AD-405 338 12A U41 24 HC$ 4.60

SWAIN, R. L.
VARIABLE DYNAMIC FORCE VECTOR ROCKET TEST APPARATUS,
N66-33424 14B S04 19 HC$ 1.00 MF$ 0.50

SWANSON, C. A.
DOMAIN PERTURBATIONS OF THE BIHARMONIC OPERATOR,
AD-641 528 12A T66 24

COMPARISON THEOREMS FOR ELLIPTIC DIFFERENTIAL EQUATIONS,
AD-641 529 12A T66 24

SWARTZ, J. M.
SILICON DIODE FAST NEUTRON DOSIMETER, PHASE I, EVALUATION OF RESPONSE VERSUS STARTING MATERIAL,
AD-641 843 18D T66 24 HC$ 2.00 MF$ 0.50

SWARTZ, P.
THE EFFECTS OF FRICTION ON THE ACCURACY OF KNOB SETTINGS,
AD-109 236 5E U41 24 HC$ 1.10

SWEEDLER, A. R.
SUPERCONDUCTIVITY OF BARIUM TUNGSTEN BRONZE,
AD-641 789 20C T66 24

SWENBERG, C. E.
DIRECT RADIATIVE EXCITON-EXCITON ANNIHILATION,
AD-641 811 7E T66 24

SWERLING, P.
PROBABILITY OF DETECTION FOR FLUCTUATING TARGETS.
AD-80 638 17I U41 24 HC$ 4.60

STATISTICAL THEORY OF NAVIGATION EMPLOYING INDEPENDENT INERTIAL AND VELOCITY MEASUREMENTS,
AD-85 423 17G U41 24 HC$ 5.60

DETECTION RANGE OF AN ACTIVE RADAR SEEKER,
AD-85 427 17I U41 24 HC$ 3.60

STATISTICAL THEORY OF NAVIGATION EMPLOYING INDEPENDENT INERTIAL AND VELOCITY MEASUREMENTS MINIMUM RMS ERROR IN COMPUTED POSITION.
AD-85 982 17G U41 24 HC$ 2.60

SWET, C. J.
LINE SCAN TELEVISION FOR EARTH OBSERVATION SATELLITES.
AD-641 581 17B T66 24 HC$ 2.00 MF$ 0.50

SWOPE, W. A.
WINGED HULL - STABILITY AND CONTROL STUDY,
AD-641 901 20D T66 24 HC$ 5.00 MF$ 1.00

SYVERTSON, C. A.
AERODYNAMIC PERFORMANCE AND STATIC STABILITY AND CONTROL OF FLAT-TOP HYPERSONIC GLIDERS AT MACH NUMBERS FROM 0.6 TO 18.
N66-33311 1D S04 19 HC$ 3.00 MF$ 0.75

ADDITIONAL EXPERIMENTS WITH FLAT-TOP WING- BODY COMBINATIONS AT HIGH SUPERSONIC SPEEDS.
N66-33312 1A S04 19 HC$ 3.00 MF$ 0.50

EXPERIMENTAL INVESTIGATION OF A BODY FLARE FOR OBTAINING PITCH STABILITY AND A BODY FLAP FOR OBTAINING PITCH CONTROL IN HYPERSONIC FLIGHT.
N66-34083 1D S04 19 HC$ 2.00 MF$ 0.50

SZICHMAN, E.
DISINTEGRATION OF SN113,
AD-641 746 18M T66 24 HC$ 2.00 MF$ 0.50

SZUTKA, A.
PORPHINE-_IKE SUBSTANCES. III - SYNTHESIS BY ELECTRICAL DISCHARGE.
N66-33374 6A S04 19 HC$ 1.00 MF$ 0.50

TAI, C.-T.
HUYGEN S PRINCIPLE IN A MOVING ISOTROPIC HOMOGENEOUS AND LINEAR MEDIUM.
N66-33383 20N S04 19 HC$ 1.00 MF$ 0.50

TAKABAEV, M. K.
ON OPTIMIZING A TRAJECTORY TAKING INTO ACCOUNT THE MOTION ABOUT THE CENTER OF MASS,
AD-641 865 22C T66 24 HC$ 1.00 MF$ 0.50

TAKEDA, KIMIHISA
REFLEX CONTROL OF ABDOMINAL FLEXOR MUSCLES IN THE CRAYFISH. II. THE TONIC SYSTEM,
AD-641 488 6C T66 24

TAKEDA, R.
EFFECTIVE CADMIUM CUTOFF ENERGY FOR CYLINDRICAL DETECTORS WITH CYLINDRICAL FILTERS.
N66-38351 18D S04 23 HC$ 1.00 MF$ 0.50

TALL, LAMBERT
EFFECT OF STRAIN RATE ON THE YIELD STRESS OF STRUCTURAL STEELS,
PB-173 413 11F U41 24 HC$ 1.00 MF$ 0.50

TALPIS, N. A.
TELEVISION SYSTEM STUDY FOR NUCLEAR ACCIDENT RECOVERY. PHASE I,
EGG-1183-1210 18I U41 24 HC$ 5.00 MF$ 1.00

TANAKA, TOMOYASU
APPLICATION OF THE MODIFIED BLOCH EQUATION TO THE LOW-TEMPERATURE BEHAVIOR OF THE HEISENBERG FERROMAGNET,
AD-641 683 20C T66 24

TANGER, G. E.
HEAT TRANSFER THROUGH A HOLLOW CYLINDER SUBJECTED TO TEMPERATURE SHOCK,
AD-457 861 20M U41 24 HC$ 3.00

THERMAL DIFFUSIVITY OF SOLID PROPELLANTS DEVELOPMENT OF APPARATUS AND INITIAL TEST RESULTS,
AD-457 934 21E U41 24 HC$ 2.00

TANG, WEN
METEOROLOGICAL VARIABLES CRITICAL TO GEOMETRY OF HURRICANE SPIRA_ BANDS.
PB-173 433 4B U41 24 HC$ 3.00 MF$ 0.75

TANNER, W. C.
EXPLORATION OF THE FEASIBILITY OF PREPARING DOUBLE CHAIN NOVOLAC RESINS.
AD-641 872 11A T66 24 HC$ 2.00 MF$ 0.50

TANNER, W. P.
OPTIMAL LEARNING IN DETECTION SITUATIONS FIRST SEMIANNUAL STATUS REPORT, PERIOD ENDING JUN. 30, 1966.
N66-38705 5J S04 23 HC$ 1.00 MF$ 0.50

TARASEVICH, A.
PULSE COMPRESSION OPTICAL RANGING STUDY.
AD-465 151 20C U41 24 HC$ 2.00 MF$ 0.50

TARUSOV, B. N.
CATHODE LUMINESCENCE OF NORMAL AND CANCEROUS CELLS,
AD-641 750 6C T66 24 HC$ 1.00 MF$ 0.50

TASTE, J.
RESULTS AND INTERPRETATION OF SPECIAL INDICES MEASUREMENTS MADE WITH AQUILON.
N66-38120 18J S04 23 HC$ 3.00 MF$ 0.50

TATE, P. A.
EFFECT OF DIFFUSION ON THE SATURATION CURVE OF A PLANE PARALLEL ION CHAMBER,
AD-641 928 18D T66 24

TAUBMAN, ROBERT E.
FUNCTIONAL RELATIONSHIP OF TIME DENSITY TO THE DETECTION OF DISCRETE RADAR TARGET EVENTS.
AD-641 452 17I T66 24 HC$ 2.00 MF$ 0.50

TAUB, A.
BIOLOGICAL CONTROL SYSTEMS - A CRITICAL REVIEW AND EVALUATION.
N66-37776 6P S04 23 HC$ 4.25 MF$ 2.00

TAUB, R.
BIOLOGICAL CONTROL SYSTEMS - A CRITICAL REVIEW AND EVALUATION.
N66-37776 6P S04 23 HC$ 4.25 MF$ 2.00

TAYLER, R. J.
THE RAPID COMPUTATION OF EARTH-SATELLITE EPHEMERIDES BY A METHOD USING FOURIER SERIES,
AD-443 216 22C U41 24 HC$ 3.60

TAYLOR, J. P.
AERODYNAMIC AND FLIGHT PERFORMANCE ANALYSIS FOR THE NIRO SOUNDING ROCKET,
AD-641 676 22B T66 24 HC$ 5.00 MF$ 1.00

TAYLOR, J. R.
NAVIGATOR STUDY OF ELECTRIC PROPULSION FOR UNMANNED SCIENTIFIC MISSIONS. CONSTANT POWER MISSION ANALYSIS.
N66-33463 21C S04 19 HC$ 2.00 MF$ 0.50

TAYLOR, V. J.
ROCKET LAUNCHER STUDIES.
AD-465 718 19G U41 24 HC$ 2.00

TEEVAN, RICHARD C.
FEAR OF FAILURE AND COGNITIVE CONTROLS.
AD-641 891 5J T66 24 HC$ 2.00 MF$ 0.50

TEREKHOVA, V. T.
PHASE DIAGRAM AND PROPERTIES OF ALLOYS OF THE ALUMINUM-SCANDIUM SYSTEM.
N66-33687 11F S04 19 HC$ 1.00 MF$ 0.50

TERRY, J. E.
CONVECTIVE HEAT TRANSFER TO A LIFTING FLAT-FACED-CONE ENTRY BODY,
N66-33322 20M S04 19 HC$ 2.00 MF$ 0.50

TRANSPIRATION AND FILM COOLING OF LIQUID ROCKET NOZZLES.
N66-38728 20M S04 23 HC$ 3.00 MF$ 0.75

TEUBER, H. L.
RESEARCH IN PSYCHOBIOLOGY.
N66-33445 5J S04 19 HC$ 1.00 MF$ 0.50

TEW, R. C.
ANALYSIS OF CONDENSING PRESSURE CONTROL FOR SNAP-8 SYSTEM.
N66-37683 18N S04 23 HC$ 1.00 MF$ 0.50

THAU, F. E.
STUDY OF QUASI-OPTIMUM FEEDBACK CONTROL TECHNIQUES.
N66-33458 17G S04 19 HC$ 3.00 MF$ 0.75

THIEDE, F. C.
A STUDY OF MAN S PHYSICAL CAPABILITIES ON THE MOON. VOLUME III - WORK PHYSIOLOGY RESEARCH PROGRAM.
N66-38798 6B S04 23 HC$ 4.25 MF$ 2.00

THOMAS, G. D.
EFFECT OF TRANSISTOR DESIGN PARAMETERS ON RADIATION RESPONSE (POWER TRANSISTORS).
AD-641 406 9A T66 24 HC$ 3.00 MF$ 0.75

THOMAS, G. M.
RADIATION MEASUREMENT TECHNIQUES.
N66-33771 14B S04 19 HC$ 2.00 MF$ 0.50

THOMAS, I. L.
NOTES ON THE FUNDAMENTAL PROBLEMS INVOLVED IN DETERMINING TRUE NORTH BY GYROSCOPIC METHODS.
AD-455 274 17G U41 24 HC$ 1.00

THE LONG PERIOD ERRORS OF DOPPLER AND INERTIAL NAVIGATION SYSTEMS.
AD-641 719 17G T66 24 HC$ 2.00 MF$ 0.50

THOMAS, J. O.
ELECTRON DENSITIES AND SCALE HEIGHTS IN THE TOPSIDE IONOSPHERE - ALOUETTE I OBSERVATIONS OVER THE AMERICAN CONTINENTS, VOLUME I - NOVEMBER 1962 - JANUARY 1963,
N66-33197 4A S04 19 HC$ 5.50 MF$ 2.50

THOMAS, R. L.
ULTRASONIC KJELDAAS-EDGE EXPERIMENT IN POTASSIUM,
AD-641 861 20L T66 24

THOMPSON, W. E.
GAMMA RAYS RESULTING FROM INTERACTIONS OF 14.7 MEV NEUTRONS WITH MAGNESIUM, ALUMINUM, CALCIUM, TITANIUM AND IRON,
AD-467 464 20M U41 24 HC$ 4.60 MF$ 0.50

THOMPSON, COLIN J.
HEISENBERG MODEL WITH LONG RANGE INTERACTION.
AD-641 773 20C T66 24

PHASE TRANSITION OF A TWO-DIMENSIONAL CONTINUUM-ISING MODEL,
AD-641 774 20C T66 24

STRONG-COUPLING LIMIT IN DILUTE ALLOYS,
AD-641 776 20C T66 24

INEQUALITY WITH APPLICATIONS IN STATISTICAL MECHANICS.
AD-641 779 12A T66 24

ENERGY GAP IN SPHERICAL NUCLEI,
AD-641 782 20C T66 24

THOMPSON, GERALD L.
AN ALGORITHM FOR CLASSIFYING ERGODIC MATRICES.
AD-641 322 12A T66 24 HC$ 1.00 MF$ 0.50

THOMPSON, M. R.
SPLIT-TENSILE STRENGTH OF LIME-STABILIZED SOILS.
PB-173 497 8H U41 24 HC$ 1.00 MF$ 0.50

THOMPSON, ROBERT L.
CLASSICAL CONDITIONING OF ELECTRIC ORGAN DISCHARGE RATE IN MORMYRIDS,
AD-641 728 6C T66 24

THOMPSON, W. C.
DYNAMIC-MODEL INVESTIGATION OF SOME LANDINGS AND SLIDEOUTS OF A RECOVERABLE BOOSTER.
N66-33450 22D S04 19 HC$ 1.00 MF$ 0.50

THOMPSON, M. E.
GAMMA RAYS RESULTING FROM INTERACTIONS OF 14.7 MEV NEUTRONS WITH MAGNESIUM, ALUMINUM, CALCIUM, TITANIUM AND IRON,
AD-467 464 20H U41 24 HC$ 4.60 MF$ 0.50

THOMSON, KENNETH F.
COMBAT RECOGNITION REQUIREMENTS,
AD-641 850 5I T66 24 HC$ 10.60 MF$ 0.75

NAVY RECOGNITION TRAINING,
AD-641 879 5I T66 24 HC$ 7.60 MF$ 0.75

THOMSON, KER C.
ON THE COMPLEX POISSON S RATIO OF A URETHANE RUBBER COMPOUND.
AD-641 693 11J T66 24

THOMSON, R.
LINEAR RESPONSE FUNCTIONS AND THE PHENOMENOLOGICAL EQUATIONS OF INTERNAL FRICTION,
AD-641 535 20K T66 24

THOMSON, R. G.
EFFECT OF TARGET MATERIAL YIELD STRENGTH ON HYPERVELOCITY PERFORATION AND BALLISTIC LIMIT.
N66-33369 20K S04 19 MF$ 0.50

THORNHILL, A. F.
LONG RANGE FLIGHT TESTS OF THE OMEGA AIRCRAFT RECEIVER,
AD-463 062 17B U41 24 HC$ 2.60

AIRBORNE OMEGA RECEIVER,
AD-481 365 17B U41 24 HC$ 2.60 MF$ 0.50

THORP, EDWARD O.
OPERATOR REPRESENTATION THEOREMS,
AD-641 704 12A T66 24

A PARTIAL ANALYSIS OF GO,
AD-641 727 12A T66 24

THROWER, J.
FLUOROAROMATIC POLYMERS, PERFLUORO-P-TERPHENYL, QUATERPHENYL AND QUINQUEPHENYL,
AD-449 913 7D U41 24 HC$ 1.60

FLUOROAROMATIC POLYMERS, PERFLUORO-P-TERPHENYL, -QUATERPHENYL AND -QUINQUEPHENYL,
AD-449 913 7C U41 24 HC$ 1.60

THURSTON, GAYLEN A.
QUARTERLY TECHNICAL PROGRESS REPORT NO. 5, OF TECHNICAL PROGRESS.
AD-641 407 13H T66 24 HC$ 4.00 MF$ 0.75

THURSTON, H. D.
THE DEPENDENCE OF THE DIFFUSIVITIES OF IMPURITIES IN SILICON ON BACKGROUND DOPING AND SURFACE CONCENTRATION,
AD-274 969 20L U41 24 HC$ 4.60

THURSTON, O. M.
SILICON DIODE FAST NEUTRON DOSIMETER, PHASE I, EVALUATION OF RESPONSE VERSUS STARTING MATERIAL,
AD-641 843 18D T66 24 HC$ 2.00 MF$ 0.50

TIEDEMANN, D. A.
ELECTRICAL POTENTIAL FROM WATERFLOW IN SOIL SPECIMENS--LOWER COST CANAL LINING PROGRAM,
PB-173 435 8H U41 24 HC$ 2.00 MF$ 0.50

SOIL MOISTURE CHANGES BENEATH A CANAL--LOWER COST CANAL LINING PROGRAM,
PB-173 448 8H U41 24 HC$ 3.00 MF$ 0.75

TIEKERT, CARVEL G.
REGULATION OF GLYCOLYSIS IN TETANIZED CAT SKELETAL MUSCLE IN SITU.
AD-641 573 6A T66 24 HC$ 1.00 MF$ 0.50

TIKHYNSKIY, G. P.
VAPOR PRESSURE IN SOLID YTTRIUM.
N66-33677 20H S04 19 HC$ 1.00 MF$ 0.50

TIMMONS, DURWARD E.
MICROORGANISMS OF THE UPPER ATMOSPHERE. I. INSTRUMENTATION FOR ISOKINETIC AIR SAMPLING AT ALTITUDE,
AD-641 825 6M T66 24

TISSI, PLINIO
THE SYNTHESIS OF NETWORKS CONTAINING LUMPED AND DISTRIBUTED ELEMENTS. PARTS I AND II.
AD-641 898 9E T66 24 HC$ 4.00 MF$ 0.75

TITUS, JOAN B.
SUBJECT INDEX, BIBLIOGRAPHY, AND CODE DESCRIPTION OF TECHNICAL CONFERENCE PAPERS ON PLASTICS 5 MARCH 1965 - 10 MARCH 1966,
AD-641 665 11I T66 24 HC$ 4.00 MF$ 1.00

TODOSIEV, E. P.
HUMAN TRACKING PERFORMANCE IN UNCOUPLED AND COUPLED TWO-AXIS SYSTEMS.
N66-33981 5H S04 19 HC$ 5.00 MF$ 0.75

TOKAREVA, A. A.
EFFECT OF PLAGUE TOXIN ON BLOOD PROTEINS AND INCORPORATION OF METHIONINE-S35 INTO TISSUE PROTEINS,
AD-641 427 6E T66 24 HC$ 1.00 MF$ 0.50

TOKAREV, V. V.
SELECTION OF PARAMETERS FOR A DYNAMIC SYSTEM UNIVERSAL FOR A GIVEN GROUP OF MANEUVERS.
N66-33696 22A S04 19 HC$ 1.00 MF$ 0.50

TOLEFSON, H. B.
SOME CHEMICAL ASPECTS OF UPPER-ATMOSPHERE RESEARCH,
N66-33418 4A S04 19 HC$ 1.00 MF$ 0.50

TOLL, J. S.
EQUIVALENCE OF LOCALITY AND PARALOCALITY IN FREE PARAFIELD THEORY,
AD-641 627 20J T66 24

TOLSON, R. H.
ERROR ANALYSIS OF A WEIGHTED LEAST SQUARES PROCESS TO DETERMINE THE LUNAR GRAVITATIONAL FIELD,
N66-38141 3B S04 23 HC$ 2.00 MF$ 0.50

TOMAZIC, W. A.
INVESTIGATION OF SMALL-SCALE HYDRAZINE- FLUORINE INJECTORS.
N66-33332 21H S04 19 HC$ 1.00 MF$ 0.50

EXPERIMENTS WITH HYDROGEN AND OXYGEN IN REGENERATIVE ENGINES AT CHAMBER PRESSURES FROM 100 TO 300 POUNDS PER SQUARE INCH ABSOLUTE,
N66-33344 21H S04 19 HC$ 2.00 MF$ 0.50

TOMBRELLO, T. A.
DEUTERON ELASTIC SCATTERING FROM HE3 AND H3,
AD-641 998 20H T66 24

TOMIZUKA, C. T.
EFFECT OF HYDROSTATIC PRESSURE ON THE CURIE POINTS OF SEVERAL FERRITES,
AD-641 494 11G T66 24

TOMLINSON, ROBERT M.
STUDY OF BASIC FIXED GUNNERY,
AD-641 824 5I T66 24 HC$ 3.00 MF$ 0.75

A GUIDE FOR DETERMINING TRAINING AID AND DEVICE REQUIREMENTS,
AD-641 912 5I T66 24 HC$ 2.00 MF$ 0.50

TOOLEY, W. H.
ADVANCEMENT OF ULTRASONIC TECHNIQUES USING RERADIATED SOUND ENERGIES FOR NONDESTRUCTIVE EVALUATION OF WELDMENTS,
AD-641 354 13H T66 24 HC$ 1.00 MF$ 0.50

TORGERSON, R. T.
STATE-OF-THE-ART SURVEY OF DISSIMILAR METAL JOINING BY SOLID STATE WELDING.
N66-32787 13H S04 19 HC$ 2.00 MF$ 0.50

TORRIONE, P.
SIGNAL ENHANCEMENT TECHNIQUES.
AD-641 413 9E T66 24 HC$ 3.00 MF$ 0.75

TOWNER, RICHARD D.
CHEMILUMINESCENCE OF LUMINOL IN THE PRESENCE OF HEMATIN COMPOUNDS,
AD-642 805 6A T66 24

TRAIGER, M. L.
THERMOPHYSICAL PROPERTIES MEASUREMENTS PERFORMED FOR NASA.
N66-32723 20M S04 19 HC$ 1.00 MF$ 0.50

TRAUL, GAIL NYGAARD
THE EFFECT OF CONTEXT ON AURAL PERCEPTION OF WORDS,
AD-641 839 5J T66 24

TRAUTH JR, C. A.
AN ASSEMBLY CONTAMINATION MODEL,
N66-32963 6T S04 19 HC$ 2.00 MF$ 0.50

TREXLER, ROBERT C.
A DESCRIPTION OF SNAP PROGRAMMING,
AD-422 118 5I U41 24 HC$ 2.60

TRIMBLE, GEORGE R., JR.
A RECURSION RELATION FOR COMPUTING LEAST-SQUARE POLYNOMIALS OVER MOVING-ARCS,
AD-641 341 12A T66 24 HC$ 1.60 MF$ 0.50

TRIPLER, A. B.
STRUCTURAL CHANGES IN HIGH-STRENGTH STEEL ASSOCIATED WITH STRESS CORROSION AND ITS RELATIONSHIP TO DELAYED FAILURE,
AD-462 843 11F U41 24 HC$ 1.00

TRIPLER, A. B., JR.
STRUCTURAL CHANGES IN HIGH-STRENGTH STEEL ASSOCIATED WITH STRESS CORROSION AND ITS RELATIONSHIP TO DELAYED FAILURE,
AD-468 171 11F U41 24 HC$ 1.00 MF$ 0.50

TROFIMOV, A. M.
GRAVITATIONAL DEVELOPMENT OF SLOPES,
AD-641 756 8F T66 24 HC$ 1.00 MF$ 0.50

TROUP, EMILE M. J.
CALIBRATION TEST OF A490 HIGH-STRENGTH BOLTS,
PB-173 485 13E U41 24 HC$ 1.00 MF$ 0.50

TROUT, A. M.
EXPERIMENTAL ROCKET PERFORMANCE OF APOLLO STORABLE PROPELLANTS IN ENGINES WITH LARGE AREA RATIO NOZZLES.
N66-33454 21I S04 19 HC$ 2.00 MF$ 0.50

TROUT, DAVID L.
EFFECTS OF HYDRAZINE ON FAT TRANSPORT AS AFFECTED BY BLOOD GLUCOSE CONCENTRATION,
AD-641 826 6A T66 24

TRUMBO, DON
VERBAL CODING AND DISPLAY CODING IN THE ACQUISITION AND RETENTION OF TRACKING SKILL,
AD-641 623 5J T66 24

TRUMMEL, H. C.
GROUND TEST SIMULATION OF LIFT-OFF AND TRANSONIC VIBRATION EXCITATION MECHANISMS ON THE RANGER SPACECRAFT.
N66-37642 22B S04 23 HC$ 1.00 MF$ 0.50

TSAI, JOSEPH
THE DEPENDENCE OF THE DIFFUSIVITIES OF IMPURITIES IN SILICON ON BACKGROUND DOPING AND SURFACE CONCENTRATION,
AD-274 969 20L U41 24 HC$ 4.60

TSAREV, G. ..
INVESTIGATIONS OF EFFECT OF INTERSTITIAL IMPURITIES ON THE STRUCTURE AND PROPERTIES OF TUNGSTEN SINGLE CRYSTALS.
N66-33722 11F S04 19 HC$ 1.00 MF$ 0.50

TUCKER, HOWARD G.
ESTIMATION OF NON-UNIQUE QUANTILES,
AD-641 534 12A T66 24

TUKEY, J. W.
SHORT-CUT MULTIPLE COMPARISONS FOR BALANCED SINGLE AND DOUBLE CLASSIFICATIONS. PART 2. DERIVATIONS AND APPROXIMATIONS,
AD-641 843 12A T66 24

TURIN, G. L.
COMPARISON OF SEQUENTIAL AND NONSEQUENTIAL DETECTION SYSTEMS WITH UNCERTAINTY FEEDBACK,
AD-641 686 9D T66 24

TURKEL, HENRY W.
RESEARCH OF THE SCIENTIFIC LITERATURE AND REPORTS ON THE EFFECTS OF MAN OF ALCOHOL ALONE AND IN COMBINATION WITH OTHER DRUGS.
AD-641 794 6E T66 24 HC$ 5.00 MF$ 1.00

TURKEVICH, A. L.
CHEMICAL ANALYSIS OF SURFACES USING ALPHA PARTICLES.
N66-33168 7D S04 19 HC$ 3.00 MF$ 0.75

TURNBULL, D.
THE EFFECT OF HIGH PRESSURE ON B2O3 CRYSTALLIZATION, DENSIFICATION, AND THE CRYSTALLIZATION ANOMALY,
AD-641 324 11B T66 24 HC$ 3.00 MF$ 0.50

TURTELTAUB, H. J.
ON THE UNIQUENESS OF THE SOLUTION TO ELASTOSTATIC BOUNDARY-VALUE PROBLEMS FOR THE HALF-SPACE.
AD-641 651 12A T66 24 HC$ 1.00 MF$ 0.50

TVETEN, ULF
MAGNA, A MULTI-SOURCE GAMMA SHIELDING PROGRAMME,
PB-173 478 18F U41 24 HC$ 3.00 MF$ 0.75

TWERDOCHLIB, M.
BIPOLAR ANGLE AVERAGES AND TWO-CENTER, TWO-PARTICLE INTEGRALS INVOLVING R SUB 12,
AD-641 847 7D T66 24

TYLER, J. M.
AN EXPERIMENTAL EVALUATION OF 100-LB-THRUST ABLATIVELY COOLED ROCKET ENGINES.
N66-37805 21H S04 23 HC$ 2.00 MF$ 0.50

N66-38503 21H S04 23 HC$ 2.00 MF$ 0.50

UGOLEV, A. M.
CHANGES IN APPETITE FOR WATER, GLUCOSE, SODIUM, AND POTASSIUM IN RATS WHEN THE SODIUM PUMP IS INHIBITED BY STROPHANTHIN- K.
N66-33764 6C S04 19 HC$ 1.00 MF$ 0.50

UHLMANN, D. R.
THE EFFECT OF HIGH PRESSURE ON B2O3 CRYSTALLIZATION, DENSIFICATION, AND THE CRYSTALLIZATION ANOMALY.
AD-641 324 11B T66 24 HC$ 3.00 MF$ 0.50

UHR, LEONARD
COMPUTERS IN BEHAVIORAL SCIENCE,
PB-173 514 5G U41 24 HC$ 1.60 MF$ 0.50

ULRICH, LYNN
VERBAL CODING AND DISPLAY CODING IN THE ACQUISITION AND RETENTION OF TRACKING SKILL,
AD-641 623 5J T66 24

ULVEDAL, FRODE
STUDY OF MAN DURING A 56-DAY EXPOSURE TO AN OXYGEN-HELIUM ATMOSPHERE AT 258 MM. HG TOTAL PRESSURE. IV. SELECTED BLOOD ENZYME RESPONSE,
AD-641 806 6S T66 24

STUDY OF MAN DURING A 56-DAY EXPOSURE TO AN OXYGEN-HELIUM ATMOSPHERE AT 258 MM. HG TOTAL PRESSURE. I. INTRODUCTION AND GENERAL EXPERIMENTAL DESIGN,
AD-641 820 6S T66 24

UNDERWOOD, B. J.
SECOND CALIFORNIA CONFERENCE ON VERBAL LEARNING AND VERBAL BEHAVIOR,
AD-641 437 5J T66 24

UNDERWOOD, J.
FLUOR-PHOTODIODE GAMMA RAY DOSIMETER,
AD-641 913 18D T66 24 HC$ 4.00 MF$ 0.75

UNY, GISELE
LA DETERMINATION POLAROGRAPHIQUE DE LA STOECHIOMETRIE DU DIOXYDE D URANIUM (POLAROGRAPHIC DETERMINATION OF URANIUM DIOXIDE STOICHIOMETRY),
PB-173 394 7E U41 24 HC$ 1.00 MF$ 0.50

URRUTIA, JOSE LUIS
RECENT RESEARCH IN SUPERSONIC COMBUSTION AT INTA,
AD-641 758 21B T66 24 HC$ 1.00 MF$ 0.50

USDIN, E.
LIFE DETECTION SUBSYSTEM PROGRESS REPORT NO. 1.
N66-33444 6P S04 19 HC$ 3.00 MF$ 0.50

UTLAUT, WILLIAM J.
SEPARATION OF ISOTOPES BY ELECTROLYSIS,
AD-43 734 18B U41 24 HC$ 1.60

VALENTINE, W. G.
ON THE EARLY HISTORY OF THE EARTH,
N66-33177 8G S04 19 HC$ 3.00 MF$ 0.50

VAN DALEN, P. A.
MAGNETIC AND CALORIC PROPERTIES OF K3MOCL6,
AD-641 549 20L T66 24

VAN DER SLUYS, W. A.
MECHANISMS OF ENVIRONMENT INDUCED SUBCRITICAL FLAW GROWTH IN AISI 4340 STEEL.
AD-641 607 11F T66 24 HC$ 1.00 MF$ 0.50

VAN ORSDEL, J. R.
DEVELOPMENT OF PRACTICE FOR COMPOSITE ROLLING OF STRUCTURAL METAL PANELS.
AD-641 408 13H T66 24 HC$ 3.00 MF$ 0.75

VAN PATTER, DOUGLAS M.
COMPOUND INELASTIC NUCLEON AND GAMMA-RAY ANGULAR DISTRIBUTIONS FOR EVEN-AND ODD-MASS NUCLEI.
AD-641 536 20H T66 24

VANDERSLICE, J. T.
HIGHER-ORDER STATIONARY PHASE APPROXIMATIONS IN SEMICLASSICAL SCATTERING.
N66-33384 20H S04 19 HC$ 2.00 MF$ 0.50

VANDERSLUIS, HOWARD J.
CORUSCATIVES AS ADDITIVES FOR HIGH-BLAST EXPLOSIVES,
AD-413 927 19A U41 24 HC$ 4.60

VANDERVEEN, JOHN E.
THE STUDY OF MAN DURING A 56-DAY EXPOSURE TO AN OXYGEN-HELIUM ATMOSPHERE AT 258 MM. HG TOTAL PRESSURE. IX. NUTRITIONAL EVALUATION OF FEEDING BITE-SIZE FOODS.
AD-641 804 6S T66 24

THE STUDY OF MAN DURING A 56-DAY EXPOSURE TO AN OXYGEN-HELIUM ATMOSPHERE AT 258 MM. HG TOTAL PRESSURE VIII. OBSERVATIONS ON FEEDING BITE-SIZE FOODS,
AD-641 830 6S T66 24

VAND, V.
RELATION OF MECHANICAL PROPERTIES TO THE STRUCTURE OF IONIC SOLIDS,
AD-641 911 11B T66 24 HC$ 2.00 MF$ 0.50

VANGO, S. P.
DENSITY, VAPOR PRESSURE, AND VISCOSITY OF SOLUTIONS OF HYDRAZINE MONONITRATE IN HYDRAZINE.
N66-38789 7D S04 23 HC$ 1.00 MF$ 0.50

VANNUCCI, A. G.
INDEX TO AGARD PUBLICATIONS 1952 - 1963, SUPPLEMENT NUMBER ONE.
N66-37801 22B S04 23 HC$ 3.25 MF$ 1.00

VASUDEVAN, R.
SUPERCONDUCTING STATE OF AN ELECTRON GAS IN A HOMOGENEOUS MAGNETIC FIELD,
AD-641 635 20C T66 24

VAUGHAN, D. A.
STRUCTURAL CHANGES IN HIGH-STRENGTH STEEL ASSOCIATED WITH STRESS CORROSION AND ITS RELATIONSHIP TO DELAYED FAILURE.
AD-462 843 11F U41 24 HC$ 1.00

AD-468 171 11F U41 24 HC$ 1.00 MF$ 0.50

VAUGHAN, JAMES A.
SOME EFFECTS ON BUSINESS GAMING OF PREVIOUS QUASI-T GROUP AFFILIATIONS.
AD-641 652 5A T66 24 HC$ 1.00 MF$ 0.50

VEAZIE, W. M.
ELECTRONIC PACKAGING - A BIBLIOGRAPHY,
N66-33390 9A S04 19 HC$ 3.00 MF$ 0.75

VEDAM, K.
RELATION OF MECHANICAL PROPERTIES TO THE STRUCTURE OF IONIC SOLIDS,
AD-641 911 11B T66 24 HC$ 2.00 MF$ 0.50

VEGA, ELOY P.
EVALUATION OF THE RESPONSE OF SILICON DIODE DOSIMETERS TO FAST NEUTRONS,
AD-641 559 18D T66 24 HC$ 2.00 MF$ 0.50

VERBER, C. M.
27AL AND 89Y NUCLEAR MAGNETIC RESONANCE IN YTTRIUM-ALUMINUM GARNET,
AD-641 772 20L T66 24

VERGEZ, J. P.
DESIGN, DEVELOPMENT AND DELIVERY OF ONE (1) BREADBOARD AND THREE (3) PRODUCTION UNITS OF A 75 VA INTEGRATED STATIC INVERTER MONTHLY PROGRESS REPORT NO. 11, MAR. 1966.
N66-32756 9A S04 19 HC$ 1.00 MF$ 0.50

VERGLAS, ALAIN
ETUDE DU SYSTEME ANTI-K, PION DANS LES ETATS FINALS A 3 CORPS, PRODUITS PAR LES INTERACTIONS K-P A 3 GEV/C (STUDY OF THE ANTI-K, PION SYSTEM IN THE 3 BODIES FINAL STATES, PRODUCED BY 3 GEV/C K-P INTERACTIONS).
PB-173 393 20H U41 24 HC$ 3.00 MF$ 0.75

VERMILLION, R. E.
FLOW MODES IN ELECTRIC SHOCK TUBES,
AD-641 715 20D T66 24

VERSAGE, P. M.
SPECIFIC AND NONSPECIFIC PASSIVE IMMUNITY IN INFANT RABBIT CHOLERA.
AD-642 003 6E T66 24

VICTOR, A. S.
THEORETICAL AND EXPERIMENTAL PROPAGATION OF ELASTIC WAVES IN AN AIR-FLUID-SOLID AND IN AN AIR-FLUID-SOLID-SOLID SYSTEM.
AD-454 575 17A U41 24 HC$ 2.00

VIDAL, C.-R.
PHOTOELECTRIC RECORDING DEVICE OF HIGH SENSITIVITY AND ACCURACY FOR SPECTROGRAPHS.
N66-38780 20F S04 23 HC$ 1.00 MF$ 0.50

VIGUIE, JEAN-CLAUDE
LA DETERMINATION POLAROGRAPHIQUE DE LA STOECHIOMETRIE DU DIOXYDE D URANIUM (POLAROGRAPHIC DETERMINATION OF URANIUM DIOXIDE STOICHIOMETRY),
PB-173 394 7E U41 24 HC$ 1.00 MF$ 0.50

VIKTOROV, D.
IN OPEN SPACE -- VOSKHOD-2 SPACE CRAFT DESIGN.
N66-33694 22B S04 19 HC$ 1.00 MF$ 0.50

VILLABLANCA, JAIME
THE ELECTROCORTICOGRAM IN THE CHRONIC CERVEAU ISOLE CAT.
AD-641 472 6P T66 24

MANIFESTACIONES OCULARES EN GATOS MESENCEFALICOS PRECOCICULARES CRONICOS (OCULAR BEHAVIOR IN CHRONIC HIGH MESENCEPHALIC CATS),
AD-641 473 6P T66 24

VILLABLANCA, J.
OCULAR BEHAVIOR INCHRONIC HIGH MESENCEPHALIC CATS.
AD-641 474 6P T66 24

VINCENT, T. L.
MINIMUM TIME AIRCRAFT TRAJECTORIES BETWEEN TWO POINTS IN RANGE ALTITUDE SPACE.
N66-38425 1B S04 23 HC$ 2.50 MF$ 0.50

VINEBERG, ROBERT
HUMAN FACTORS IN TACTICAL NUCLEAR COMBAT.
AD-463 787 15F U41 24 HC$ 3.00

VINOGRADOV, B. V.
SPACE PHOTOGRAPHY FOR THE GEOGRAPHICAL STUDY OF THE EARTH.
N66-33765 8B S04 19 HC$ 2.00 MF$ 0.50

VISWANATHAN, K. S.
DIELECTRIC CONSTANT OF A SEMICONDUCTOR IN AN EXTERNAL ELECTRIC FIELD.
AD-641 634 20L T66 24

VLADIMIROV, YU. A.
ULTRA-WEAK LUMINESCENCE AND OXIDATIVE PHOSPHORYLATION IN MITOCHONDRIA.
AD-641 426 6A T66 24 HC$ 1.00 MF$ 0.50

VOGL, J. L.
A COMPREHENSIVE MAP OF THE SPACE RADIATION ENVIRONMENT.
AD-641 509 3B T66 24 HC$ 6.00 MF$ 1.50

VOIGT, ROBERT G.
THE INVERSE PROBLEM OF THE ANNULAR AIRFOIL AND DUCTED PROPELLER.
AD-641 337 13J T66 24 HC$ 3.00 MF$ 0.50

VOLODINA, M. V.
INVESTIGATION OF WALL SURFACE TEMPERATURE BEHIND A MOVING SHOCK WAVE.
N66-33678 20H S04 19 HC$ 1.00 MF$ 0.50

VOLPE, ANGELO A.
THE SYNTHESIS AND CHARACTERIZATION OF SPIRO POLYMERS,
AD-641 873 7C T66 24 HC$ 2.00 MF$ 0.50

VON GIERKE, HENNING E.
EFFECTS OF SONIC BOOM ON PEOPLE REVIEW AND OUTLOOK,
AD-641 352 6S T66 24

VORBECK, D. W.
FEASIBILITY STUDY OF FREEZE-OUT TECHNIQUES FOR CONTAMINANT CONTROL WITHIN MANNED SPACECRAFT ATMOSPHERES FINAL TECHNICAL REPORT, 11 OCT. 1965 - 11 APR. 1966.
N66-33198 5E S04 19 HC$ 5.00 MF$ 1.00

VOS, C. E.
DESIGN, FABRICATION AND TEST OF A FLUERIC SERVOVALVE QUARTERLY REPORT, 28 DEC. 1965 - 28 MAR. 1966.
N66-33498 13K S04 19 HC$ 2.00 MF$ 0.50

VRIESEN, C. W.
DEVELOPMENT OF A HYDROCARBON-TYPE OF POLYMER WHICH POSSESSES THE CHARACTERISTICS REQUIRED FOR USE AS A BINDER FOR UNCOATED SPO FIRST QUARTERLY REPORT, MAY 10 - AUG. 10, 1966.
N66-37945 7C S04 23 HC$ 2.00 MF$ 0.50

WACHTER, RALPH F.
HOST INFLUENCE ON THE CHARACTERISTICS OF VENEZUELAN EQUINE ENCOPHALOMYELITIS VIRUS,
AD-641 944 6M T66 24

WAGHMARE, YESHWANT R.
ENERGY GAP IN SPHERICAL NUCLEI,
AD-641 782 20C T66 24

WAGNER, C. A.
THE GRAVITY POTENTIAL AND FORCE FIELD OF THE EARTH THROUGH FOURTH ORDER.
N66-33703 4A S04 19 HC$ 2.50 MF$ 0.75

THE DRIFT OF AN INCLINED-ORBIT 24-HOUR SATELLITE IN AN EARTH GRAVITY FIELD THROUGH FOURTH ORDER.
N66-33968 22C S04 19 HC$ 2.50 MF$ 0.75

WAGNER, D. E.
MANNED SPACECRAFT SYSTEMS COST MODEL, VOLUME II. SUMMARY REPORT, APR. 1965 - JUN. 1966.
N66-33490 22B S04 19 HC$ 2.50 MF$ 0.75

MANNED SPACECRAFT SYSTEMS COST MODEL, VOLUME I. CONDENSED SUMMARY REPORT, APR. 1965 - JUN. 1966,
N66-33497 22B S04 19 HC$ 2.00 MF$ 0.50

MANNED SPACECRAFT SYSTEMS COST MODEL, VOLUME III. TECHNICAL REPORT, APR. 1965 - JUN. 1966.
N66-33501 22B S04 19 HC$ 3.00 MF$ 1.00

WAINWRIGHT, J. B.
AN ORBITING DENSITY MEASURING INSTRUMENT.
N66-33539 14B S04 19 HC$ 2.50 MF$ 0.50

WAITE, W. P.
USE OF ORBITAL RADARS FOR GEOSCIENCE INVESTIGATIONS.
N66-32758 8B S04 19 HC$ 2.00 MF$ 0.50

WALDEN, H.
ORBITAL PREDICTION AND DIFFERENTIAL CORRECTION USING VINTI S SPHEROIDAL THEORY FOR ARTIFICIAL SATELLITES.
N66-33503 22C S04 19 HC$ 3.00 MF$ 0.75

WALDEN, WILLIAM E.
A PARTIAL ANALYSIS OF GO,
AD-641 727 12A T66 24

WALDMAN, G.
FLOW FIELD COMPUTER PROGRAM FINAL REPORT.
N66-33713 20D S04 19 HC$ 2.50 MF$ 0.50

WALKER, JERRY S.
PATHOPHYSIOLOGY OF ANTHRAX,
AD-641 933 6E T66 24

WALKER, M. F.
SPECTROPHOTOMETRIC STUDIES OF GASEOUS NEBULAE. V. MEASUREMENT OF LINE INTENSITIES IN PLANETARY NEBULAE WITH AN ELECTRONIC CAMERA.
AD-641 447 3A T66 24

WALLACE, D. A.
AN ORBITING DENSITY MEASURING INSTRUMENT.
N66-33539 14B S04 19 HC$ 2.50 MF$ 0.50

WALLACE, D. L.
SHORT-CUT MULTIPLE COMPARISONS FOR BALANCED SINGLE AND DOUBLE CLASSIFICATIONS. PART 2. DERIVATIONS AND APPROXIMATIONS,
AD-641 845 12A T66 24

WALSH, T. M.
THE EFFECTS OF A GEMINI LEFT-HAND WINDOW ON EXPERIMENTS REQUIRING ACCURACY IN SIGHTING OR RESOLUTION.
N66-38142 20F S04 23 HC$ 2.00 MF$ 0.50

WALTERS, R. L.
USE OF ORBITAL RADARS FOR GEOSCIENCE INVESTIGATIONS.
N66-32758 8B S04 19 HC$ 2.00 MF$ 0.50

WALTER, D. O.
COMPREHENSIVE SPECTRAL ANALYSIS OF HUMAN EEG GENERATORS IN POSTERIOR CEREBRAL REGIONS,
AD-641 374 6P T66 24

WALTER, L. S.
LUNAR DIFFERENTIATION PROCESSES.
N66-33169 3B S04 19 HC$ 1.00 MF$ 0.50

WALTHER, H.
DIFFRACTOMETRIC RESEARCH IN THE FIELD OF DISORDERED STRUCTURES.
N66-38060 20B S04 23 HC$ 1.00 MF$ 0.50

RECENT STUDIES ON PYROLYTIC CARBON COATINGS ON FUEL PARTICLES.
N66-38087 18G S04 23 HC$ 2.00 MF$ 0.50

WALY, PATRICIA
EFFECT OF ATTITUDE ON JUDGMENTS OF PLAUSIBILITY,
AD-641 558 5J T66 24

WALZ, J. E.

THERMAL DISTORTIONS OF THIN-WALLED PARABOLOIDAL SHELLS,
N66-33970 20K S04 19 HC$ 2.00 MF$ 0.50

WANG, J. T.
DYNAMIC RESPONSE OF A CYLINDRICAL SHELL SEGMENT SUBJECTED TO AN ARBITRARY LOADING,
N66-33381 20K S04 19 HC$ 2.00 MF$ 0.50

WANG, WEN
THE EFFECT OF HEIGHT OF HIGHWAY FILLS ON THE DESIGN OF CULVERTS. PHASE I. PRESSURE GAGE,
PB-173 490 13B U41 24 HC$ 4.00 MF$ 1.00

WARD, FRED
THREE PEAKS NEAR 27 DAYS IN A HIGH-RESOLUTION SPECTRUM OF THE INTERNATIONAL MAGNETIC CHARACTER FIGURE, Ci.
AD-641 350 8N T66 24

WARD, J. J.
INJECTION CAUSED P-N JUNCTION IN CDS,
AD-641 400 20L T66 24 HC$ 1.00 MF$ 0.50

WARE, ROBERT
PERSONALITY DIFFERENCES IN DISSONANCE RESOLUTION,
AD-641 511 9J T66 24 HC$ 1.00 MF$ 0.50

WARFIELD, R. W.
THERMODYNAMIC PROPERTIES OF POLYBUTENE-1 AND BUTENE-1,
AD-641 867 7D T66 24 HC$ 1.00 MF$ 0.50

WARNER JR, D. N.
THE EFFECTS OF A GEMINI LEFT-HAND WINDOW ON EXPERIMENTS REQUIRING ACCURACY IN SIGHTING OR RESOLUTION,
N66-38142 20F S04 23 HC$ 2.00 MF$ 0.50

WARNICK, C. C.
DEVELOPMENT OF AN ASPHALT PAVEMENT AIR PERMEAMETER AND EVALUATION OF ITS USE,
PB-173 487 13B U41 24 HC$ 6.00 MF$ 1.25

WARSH, K. L.
DIRECT REACTION ANALYSIS OF THE F19(P,ALPHA)O16 REACTION,
AD-641 684 20H T66 24

WATERHOUSE, ROBERT
REEVALUATION OF THE RAMSONDE HARDNESS EQUATION,
AD-641 482 8L T66 24 HC$ 1.00 MF$ 0.50

WATKINS, R.
IMPLICATIONS OF EMBRITTLEMENT DURING THE LIFE OF A ZIRCONIUM PRESSURE TUBE REACTOR,
N66-37781 18I S04 23 HC$ 2.00 MF$ 0.50

WATSON, G. S.
A BAYESIAN STUDY OF THE MULTINOMIAL DISTRIBUTION,
AD-641 800 12A T66 24 HC$ 2.00 MF$ 0.50

WATSON, JACK T.
STUDY OF MAN DURING A 56-DAY EXPOSURE TO AN OXYGEN-HELIUM ATMOSPHERE AT 258 MM. HG TOTAL PRESSURE. II. MAJOR AND MINOR ATMOSPHERIC COMPONENTS,
AD-641 819 6S T66 24

WATT, JAMES W.
A STUDY OF THE ROLE OF MECHANICAL-STRENGTH PROPERTIES ON THE PHENOMENA OF SPALLATION,
AD-641 874 20K T66 24 HC$ 2.00 MF$ 0.50

WEBB, H. D.
IONOSPHERIC RESEARCH,
AD-641 793 4A T66 24 HC$ 2.00 MF$ 0.50

WEBB, WILSE B.
THE FIRST NIGHT EFFECT AN EEG STUDY OF SLEEP,
AD-641 524 6P T66 24

WEBER, A. H.
ANALYSIS OF ARGUS/EXPLORER IV RECORDS,
AD-463 240 18C U41 24 HC$ 4.00

WEBER, D. W.
THERMALLY REGENERABLE CARBON DIOXIDE ABSORBENT SYSTEM FINAL REPORT, 1 MAY 1964 - 31 JAN. 1966,
N66-33499 7A S04 19 HC$ 3.75 MF$ 1.50

WEBER, ROBERT J.
SYMBOLS VIA LEARNING SET,
AD-641 478 5J T66 24

WEETON, J. W.
METALLOGRAPHIC STUDY OF DISPERSION- STRENGTHENED ALLOYS AFTER FAILURE IN STRESS RUPTURE,
N66-33819 11F S04 19 HC$ 2.00 MF$ 0.50

OVERLAY COPY TECHNIQUE TO PROVIDE HIGH-CONTRAST ELECTRON MICROGRAPHS FOR AUTOMATIC METALLOGRAPHIC ANALYSIS,
N66-37681 14B S04 23 HC$ 1.00 MF$ 0.50

WEINBERGER, H. F.
ON THE SPECTRUM OF GENERAL SECOND ORDER OPERATORS,
AD-641 738 12A T66 24

ON THE CAPACITY OF COMPOSITE CONDUCTORS,
AD-641 739 20L T66 24

WEINBERG, G. R.
STUDY AND DEVELOPMENT OF THE STERILIZABLE GEIGER- MULLER TUBE FINAL REPORT,
N66-32698 18D S04 19 HC$ 2.00 MF$ 0.50

WEINER, J. M.
COMPUTER SIMULATION OF VACANCY MIGRATION,
AD-641 384 20B T66 24

WEINGARTEN, GARRY
DEVELOPMENT OF MINIATURE SMOKE SIGNAL PACKAGE FOR INCLUSION IN SURVIVAL KITS,
AD-641 895 6G T66 24 HC$ 2.00 MF$ 0.50

WEINSTEIN, ALEXANDER
SOME APPLICATIONS OF THE NEW MAXIMUM-MINIMUM THEORY OF EIGENVALUES,
AD-641 532 12A T66 24

WEINSTEIN, A.
SOME RESULTS IN INTERMEDIATE PROBLEMS FOR EIGENVALUES,
AD-641 721 12A T66 24

WEINSTOCK, H.
MAGNETIC TRANSITION IN THIOUREA-COORDINATED COBALT CHLORIDE,
AD-641 551 20L T66 24

WEISE, E. L.
HIGH TEMPERATURE PROPERTIES AND DECOMPOSITION OF INORGANIC SALTS. PART 1. SULFATES,
NBS-NSRDS-7 7D U41 24 HC$ 0.35 MF$ 0.50

WEISS, B.
THE EFFECTS OF INERTIA ON THE ACCURACY OF KNOB SETTINGS,
AD-109 235 5E U41 24 HC$ 1.10

THE EFFECTS OF FRICTION ON THE ACCURACY OF KNOB SETTINGS,
AD-109 236 5E U41 24 HC$ 1.10

BUILDING FEEL INTO CONTROLS THE EFFECT ON MOTOR PERFORMANCE OF DIFFERENT KINDS AND AMOUNTS OF FEEDBACK,
AD-92 507 5E U41 24 HC$ 2.60

WELCH, B. E.
STUDY OF MAN DURING A 56-DAY EXPOSURE TO AN OXYGEN-HELIUM ATMOSPHERE AT 258 MM. HG TOTAL PRESSURE. V. EXERCISE PERFORMANCE AND CARDIOVASCULAR RESPONSE,
AD-641 805 6S T66 24

STUDY OF MAN DURING A 56-DAY EXPOSURE TO AN OXYGEN-HELIUM ATMOSPHERE AT 258 MM. HG TOTAL PRESSURE. I. INTRODUCTION AND GENERAL EXPERIMENTAL DESIGN,
AD-641 820 6S T66 24

OBSERVATIONS ON MAN IN AN OXYGEN-HELIUM ENVIRONMENT AT 380 MM. HG TOTAL PRESSURE. II. RESPIRATORY,
AD-641 828 6S T66 24

WELLER, TANCHUM
EXPERIMENTAL AND THEORETICAL STUDIES ON BUCKLING OF CONICAL AND CYLINDRICAL SHELLS UNDER COMBINED LOADING,
AD-641 971 20K T66 24 HC$ 5.00 MF$ 1.00

WENGER, N. C.
LIQUID-HYDROGEN DENSITY MEASUREMENTS USING AN OPEN-ENDED MICROWAVE CAVITY,
N66-38144 20M S04 23 HC$ 1.00 MF$ 0.50

WENG, L.-J.
ON LINEAR PRODUCT CODES AND THEIR DUALS SCIENTIFIC REPORT NO. 4,
N66-38731 12A S04 23 HC$ 5.00 MF$ 1.25

WENTWORTH, R. L.
THERMOPHYSICAL PROPERTIES MEASUREMENTS PERFORMED FOR NASA,
N66-32723 20M S04 19 HC$ 1.00 MF$ 0.50

WERBEL, BURTON
DEVELOPMENT OF MINIATURE SMOKE SIGNAL PACKAGE FOR INCLUSION IN SURVIVAL KITS,
AD-641 895 6G T66 24 HC$ 2.00 MF$ 0.50

WERT, C. A.
ANISOTROPY OF THE SNOEK PHENOMENON IN NIOBIUM,
AD-641 785 11F T66 24

WESSMAN, G. E.
BIOCHEMICAL AND PHYSICAL CHANGES IN SHAKEN SUSPENSIONS OF PASTEURELLA PESTIS,
AD-641 947 6M T66 24

WETTACH, R. H.
RANKINE CYCLE TEST FACILITY STUDY - TECHNICAL DATA FINAL REPORT,
N66-33975 10B S04 19 HC$ 5.54 MF$ 2.50

WHELAN, JAMES E.
THE IMPACT OF LARGE INSTALLATIONS ON NEARBY AREAS,
AD-641 925 13B T66 24 HC$ 9.65 MF$ 2.75

WHITCOMB, C. F.
STATIC STABILITY AND CONTROL CHARACTERISTICS OF TWO LARGE-DIHEDRAL RIGHT TRIANGULAR PYRAMID LIFTING REENTRY CONFIGURATIONS AT A MACH NUMBER OF 3.05,
N66-33317 1D S04 19 HC$ 2.00 MF$ 0.50

WHITCOMB, R. T.
SOME CONSIDERATIONS REGARDING THE APPLICATION OF THE SUPERSONIC AREA RULE TO THE DESIGN OF AIRPLANE FUSELAGES,
N66-34080 1C S04 19 HC$ 2.00 MF$ 0.50

WHITEHURST, C. A.
FLOW LOSSES IN FLEXIBLE HOSE QUARTERLY PROGRESS REPORT NO. 4, MAR. 14 - JUN. 14, 1965,
N66-33495 20D S04 19 HC$ 2.50 MF$ 0.75

WHITE, J. A.

FLIGHT MEASUREMENTS OF SOME OF THE FLYING QUALITIES AND STABILITY DERIVATIVES OF A SUPERSONIC FIGHTER AIRPLANE.
N66-34078 1B S04 19 HC$ 2.50 MF$ 0.75

WHITE, K. C.
A SUPERCIRCULAR ENTRY GUIDANCE CONCEPT DESIGNED FOR MAXIMUM MONITORING CAPABILITY.
N66-37682 22C S04 23 HC$ 2.00 MF$ 0.50

WHITE, M. A.
FLUOROAROMATIC POLYMERS, PERFLUORO-P-TERPHENYL, QUATERPHENYL AND QUINQUEPHENYL.
AD-449 913 7D U41 24 HC$ 1.60

FLUOROAROMATIC POLYMERS, PERFLUORO-P-TERPHENYL, -QUATERPHENYL AND -QUINQUEPHENYL.
AD-449 913 7C U41 24 HC$ 1.60

WHITE, R. M.
MONOCHROMATIC ILLUMINATION OF CADMIUM-SULFIDE OSCILLATOR.
AD-641 711 9E T66 24

WHITING, E. E.
A NEW FOUR-CHANNEL SCANNING SPECTROMETER FOR BALLISTIC-RANGE RADIOMETRY.
N66-37640 20F S04 23 HC$ 1.00 MF$ 0.50

WHITLEY, ROBERT J.
OPERATOR REPRESENTATION THEOREMS.
AD-641 704 12A T66 24

WHITMIRE, L. D.
EASY SLIDE IN MOLYBDENUM CRYSTALS.
N66-33404 11F S04 19 HC$ 1.00 MF$ 0.50

THE EFFECTS OF DEFORMATION ON THE ELECTRICAL RESISTIVITY OF MOLYBDENUM SINGLE CRYSTALS.
N66-33405 11F S04 19 HC$ 2.00 MF$ 0.50

WIDDER, DAVID V.
CONVOLUTION TRANSFORMS WHOSE INVERSION FUNCTIONS HAVE COMPLEX ROOTS.
AD-641 526 12A T66 24

WIEBELT, J. A.
RESEARCH ON A SELF-TEMPERATURE REGULATING SPACECRAFT SKIN SYSTEM PROGRESS REPORT, DEC. 1, 1965 - MAY 31, 1966.
N66-34070 22B S04 19 HC$ 2.00 MF$ 0.50

WIERWILLE, W. W.
CHARACTERIZATION OF TIME-VARYING HUMAN OPERATOR DYNAMICS.
N66-32959 5H S04 19 HC$ 3.00 MF$ 0.75

WIGGINS, L. E.
SUPERSONIC AERODYNAMIC CHARACTERISTICS OF TRIANGULAR PLANFORM MODELS AT ANGLES OF ATTACK TO 90 DEGREES.
N66-33324 1A S04 19 HC$ 2.00 MF$ 0.50

WIKNER, E. G.
RADIATION EFFECTS ON SILICON SIXTH QUARTERLY PROGRESS REPORT, APR. 1 - JUN. 30, 1966.
N66-33436 20L S04 19 HC$ 1.00 MF$ 0.50

WILCOX, JOHN M.
MOVIE OF THE INTERPLANETARY MAGNETIC FIELD.
AD-641 972 3R T66 24 HC$ 1.00 MF$ 0.50

WILEY, NORMAN G.
THETA PRIME CHART.
AD-641 988 4B T66 24 HC$ 1.00 MF$ 0.50

WILLIAMS, H. L.
HUMAN TRACKING PERFORMANCE IN UNCOUPLED AND COUPLED TWO-AXIS SYSTEMS.
N66-33981 5H S04 19 HC$ 5.00 MF$ 0.75

WILLIAMS, H. F.
LONG RANGE FLIGHT TESTS OF THE OMEGA AIRCRAFT RECEIVER.
AD-463 042 17B U41 24 HC$ 2.60

WILLIAMS, P. M.
MIXING AND HEAT TRANSFER OF AN ARGON ARCJET WITH A COAXIAL FLOW OF COLD HELIUM FINAL REPORT.
N66-37643 21C S04 23 HC$ 3.00 MF$ 0.75

WILLIAMS, ROBERT E.
ANALYSIS OF BORANES AND CARBORANES BY MASS SPECTROMETRY.
AD-641 578 7B T66 24 HC$ 2.00 MF$ 0.50

WILLIAMS, ROBERT L.
THE FIRST NIGHT EFFECT AN EEG STUDY OF SLEEP.
AD-641 524 6P T66 24

THE SLEEP OF DEPRESSED PATIENTS.
AD-641 525 6P T66 24

WILLIAMS, R. A.
THE TWO TRANSFORMER METHOD FOR ELECTRODELESS CONDUCTIVITY MEASUREMENTS.
AD-461 769 20I U41 24 HC$ 9.60

WILLIAMS, THOMAS G.
CHANNELIZATION.
PB-173 417 13B U41 24 HC$ 3.00 MF$ 0.75

WILLIS, DAVID E.
VESIAC MONTHLY BULLETIN OF VELA UNIFORM RESEARCH PUBLICATIONS.
AD-641 906 8K T66 24 HC$ 1.00 MF$ 0.50

WILLIS, RICHARD M.
SHIFTING AGREEMENT AND DISAGREEMENT IN DYADS UNDER CONDITIONS OF PERCEIVED DIFFERENCES IN TASK COMPETENCE.
AD-641 675 5J T66 24 HC$ 1.00 MF$ 0.50

WILMOTTE, R.
SUMMARY AND RECOMMENDATIONS. VOLUME A. TEXT.
AD-88 698 14B U41 24 HC$ 42.60

WILMOT, D. W.
DEVELOPMENT OF OPTICAL WAVEGUIDES AND COMPONENTS PROGRESS REPORT NO. 1339, FEB. 1965 - MAR. 1966.
N66-32757 20E S04 19 HC$ 3.00 MF$ 0.75

WILSON, JOHN E.
REGULATION OF GLYCOLYSIS IN TETANIZED CAT SKELETAL MUSCLE IN SITU.
AD-641 573 6A T66 24 HC$ 1.00 MF$ 0.50

WILSON, J. W.
AN ANALOG STUDY OF THE PASSIVE THERMAL BEHAVIOR OF AN ORBITING SPACE STATION.
N66-38414 22A S04 23 HC$ 2.00 MF$ 0.50

WILTON, J. W.
PLANKTON AND TURBIDITY.
AD-641 833 8A T66 24 HC$ 3.00 MF$ 0.75

WILTSHIRE, L. L.
REMOVAL OF SIMULATED FALLOUT FROM ASPHALT STREETS BY FIREHOSING TECHNIQUES.
AD-641 488 18H T66 24 HC$ 4.00 MF$ 0.75

WINDSOR, C. R.
SIMULATION OF ORGANISMIC MORPHOLOGY AND BEHAVIOR BY SYNTHETIC POLY-ALPHA-AMINO ACIDS.
N66-37894 8A S04 23 HC$ 1.00 MF$ 0.50

WINFIELD, DAVID H.
NONLINEAR FEEDBACK SOLUTION FOR MINIMUM-TIME INJECTION INTO CIRCULAR ORBIT WITH CONSTANT THRUST ACCELERATION MAGNITUDE.
AD-641 404 22C T66 24 HC$ 1.00 MF$ 0.50

WING, L. D.
STUDY OF LOCAL FLOW CONDITIONS OVER A HEMISPHERICALLY BLUNTED 25 DEG CONE FOR A SHALLOW RE-ENTRY TRAJECTORY.
N66-33979 22C S04 19 HC$ 2.00 MF$ 0.50

WINTERS, WALLACE D.
VARIOUS SEIZURE ACTIVITIES FOLLOWING GAMMA-HYDROXYBUTYRATE.
AD-641 381 6D T66 24

WINTERS, W. D.
INTRA-ARTERIAL BLOOD PRESSURE RECORDING IN THE UNRESTRAINED CHICK DURING WAKEFULNESS AND SLEEP.
AD-641 373 6P T66 24

A NEUROPHYSIOLOGICAL COMPARISON OF ALPHA-CHLORALOSE WITH GAMMA-HYDROXYBUTYRATE IN CATS.
AD-641 379 6D T66 24

WINTER, SIDNEY G., JR.
THE PARTY OF BIG BUSINESS AND THE PARTY OF THE PEOPLE A NOTE ON TRENDS IN THE CORPORATE PROFIT SHARE.
AD-641 905 5C T66 24 HC$ 1.00 MF$ 0.50

WISER, NATHAN
ELECTRICAL RESISTIVITY OF THE SIMPLE METALS.
AD-641 492 20C T66 24

WISNIEWSKI, R. J.
NOTE ON A CORRELATION OF BOUNDARY-LAYER TRANSITION RESULTS ON HIGHLY COOLED BLUNT BODIES.
N66-33308 20H S04 19 HC$ 1.00 MF$ 0.50

WITSENHAUSEN, H. S.
MINIMAX CONTROLS OF UNCERTAIN SYSTEMS.
N66-33441 9B S04 19 HC$ 5.00 MF$ 1.25

WITTROCK, EDWARD P.
RESPONSE ON NON-WOVEN SYNTHETIC FIBER TEXTILES TO BALLISTIC IMPACT.
AD-641 433 11E T66 24 HC$ 4.00 MF$ 0.75

WITZELL, W. E.
INSTRUCTION MANUAL FOR PRECISION GRAPHIC RECORDER (PGR).
AD-255 169 19H U41 24 HC$ 14.80

WOEHRLE, H. R.
EXPERIMENTAL X-RAY STRESS ANALYSIS PROCEDURES FOR ULTRA HIGH STRENGTH MATERIALS.
N66-33410 11F S04 19 HC$ 1.00 MF$ 0.50

WOHLLEBEN, D. K.
SUPERCONDUCTIVITY OF BETA-URANIUM.
AD-641 801 20C T66 24

WOLF, E. L.
ANNEALING OF NEUTRON-IRRADIATION-INDUCED CHANGES IN IMPURITY CONDUCTION IN ANTIMONY- DOPED GERMANIUM.
N66-33386 20L S04 19 HC$ 1.00 MF$ 0.50

WOLF, PATRICIA M.
STUDY OF MAN DURING A 56-DAY EXPOSURE TO AN OXYGEN-HELIUM ATMOSPHERE AT 258 MM. HG TOTAL PRESSURE, II. MAJOR AND MINOR ATMOSPHERIC COMPONENTS.
AD-641 819 6S T66 24

WONG, K. K.
THE DYNAMIC PRESSURE TRACE AT THE SEA BOTTOM CREATED BY A GROUND EFFECT MACHINE.
AD-641 372 13J T66 24 HC$ 3.00 MF$ 0.50

WONG, T. J.
ADDITIONAL EXPERIMENTS WITH FLAT-TOP WING- BODY COMBINATIONS AT HIGH SUPERSONIC SPEEDS.
N66-33312 1A S04 19 HC$ 3.00 MF$ 0.50

WONHAM, W. M.
LIAPUNOV CRITERIA FOR WEAK STOCHASTIC STABILITY.
AD-641 862 12A T66 24

WOODBURY, M. H.
NEW SOLID-STATE DEVICE CONCEPTS.
AD-641 456 9A T66 24 HC$ 3.00 MF$ 0.50

WOODRUFF, L. W.
STUDY OF HEAT SHIELDING REQUIREMENTS FOR MANNED MARS LANDING AND RETURN MISSIONS FINAL REPORT.
N66-32717 20H S04 19 HC$ 3.00 MF$ 0.75

WOODS, B. FORREST
CHEMICAL RESEARCH ON POLYPHENYLS.
AD-641 975 7C T66 24 HC$ 3.00 MF$ 0.75

WOODWARD, F. A.
AN INTEGRATED APPROACH TO THE ANALYSIS AND DESIGN OF WINGS AND WING-BODY COMBINATIONS IN SUPERSONIC FLOW.
N66-38749 1A S04 23 HC$ 1.00 MF$ 0.50

WOODWARD, M. W.
INFRASONIC OBSERVATION OF A SEVERE WEATHER SYSTEM.
AD-641 837 4B T66 24

WOOD, C. A.
COMMUNICATIONS OF THE LUNAR AND PLANETARY LABORATORY, VOLUME 5, PART 1, NUMBER 70.
N66-38712 3B S04 23 HC$ 4.00 MF$ 1.25

WOOD, G. T.
NEW SPIN AND MIXING RATIO DETERMINATIONS FOR THREE LEVELS IN 60NI.
AD-641 533 20H T66 24

WOOD, L. M.
PHOTOGRAPHIC INVESTIGATION OF PROPELLANT STREAM BEHAVIOR IN A FIRING ROCKET ENGINE, VOLUME I TECHNICAL SUMMARY REPORT, 1 AUG. 1964 - 28 FEB, 1966.
N66-34042 21H S04 19 HC$ 3.00 MF$ 0.75

WOOLCOTT, R. L. S.
ISOBAR PRODUCTION IN HIGH-ENERGY NUCLEAR INTERACTIONS.
AD-641 498 20H T66 24

WORRALL, NORMAN
DIFFERENTIAL REINFORCEMENT OF SEMANTICALLY CONDITIONED RESPONSES TRANSFER EFFECTS DURING INTERROGATION.
AD-641 624 5J T66 24 HC$ 3.00 MF$ 0.50

WORTHINGTON, L. V.
RECENT OCEANOGRAPHIC MEASUREMENTS IN THE CARIBBEAN SEA.
AD-641 742 8J T66 24

WOSTMANN, BERNARD S.
LYMPHOCYTOPOIESIS, PLASMACYTOPOIESIS AND CELLULAR PROLIFERATION IN NONANTIGENICALLY STIMULATED GERMFREE MICE.
AD-641 835 6E T66 24

CELLULAR AND HUMORAL IMMUNE RESPONSE OF GERMFREE MICE STIMULATED WITH 7S HGG OR SALMONELLA TYPHIMURIUM.
AD-641 836 6E T66 24

WRIGHT, PAUL H.
THE HARDENING OF ASPHALT IN HOT BITUMINOUS MIXES DURING THE HAULING PROCESS.
PB-173 411 13C U41 24 HC$ 3.00 MF$ 0.75

WRIGHT, WILLIAM H., JR.
DUPLEXER FOR A RADAR SYSTEM USING A DUAL-MODE TRANSMITTER TUBE.
AD-641 461 17I T66 24 HC$ 1.00 MF$ 0.50

WULLERT, J. R.
TRAJECTORY DATA OBTAINABLE FROM DOVAP REDUCTIONS AT THE FIRING LOCATION.
AD-641 982 16B T66 24 HC$ 2.00 MF$ 0.50

WU, TAI TSUN
THE INTEGRAL EQUATION FOR THE CURRENT IN AN ASYMMETRICALLY DRIVEN, THICK TUBULAR ANTENNA.
AD-641 362 9E T66 24 HC$ 1.00 MF$ 0.50

WU, T. T.
RADIATION CONDITION FOR A MAGNETOPLASMA MEDIUM-I.
AD-641 661 20I T66 24 HC$ 3.00 MF$ 0.50

WU, YAU
KINETIC THEORY OF MOLECULAR RADIOMETRIC FORCE AND RADIOMETER.
AD-480 791 7D U41 24 HC$ 2.00 MF$ 0.50

WYLIE, RUTH C.
TRANSFER OF TRAINING TO A MOTOR SKILL AS A FUNCTION OF VARIATION IN RATE OF RESPONSE.
AD-641 586 5I T66 24 HC$ 1.00 MF$ 0.50

WYSS, J. A.
EFFECTS OF BOUNDARY-LAYER SUCTION AND SPOILERS ON TRANSONIC FLUTTER DERIVATIVES FOR A MIDSPAN CONTROL SURFACE ON AN UPSWEPT WING.
N66-33315 1D S04 19 HC$ 2.00 MF$ 0.50

EFFECTS OF MODIFICATIONS TO A CONTROL SURFACE ON A 6-PERCENT THICK UNSWEPT WING ON THE TRANSONIC CONTROL-SURFACE FLUTTER DERIVATIVES.
N66-33343 1A S04 19 HC$ 2.50 MF$ 0.75

YANG, L.
DIFFUSION AND ELECTRON EMISSION PROPERTIES OF DUPLEX REFRACTORY METAL THERMIONIC EMITTERS.
N66-33023 11F S04 19 HC$ 2.00 MF$ 0.50

YARKHO, A. A.
HEAT TRANSFER IN THE NEIGHBORHOOD OF THE BLUNT LEADING EDGE OF A CYLINDRICAL WING DURING SLIP.
N66-33693 1A S04 19 HC$ 1.00 MF$ 0.50

YARYMOVYCH, MICHAEL I.
EXPANDABLE AND MODULAR STRUCTURES TECHNOLOGY FOR SUPPORT OF MANNED MISSIONS.
AD-641 903 22A T66 24 HC$ 1.00 MF$ 0.50

YASHKUL, V. K.
PROBLEMS OF EPIDEMIOLOGICAL GEOGRAPHY, REPORT IV. ZONAL, REGIONAL AND RESIDUAL NOSOLOGICAL AREAS OF DISEASE.
AD-641 747 6F T66 24 HC$ 1.00 MF$ 0.50

YASHON, DAVID
THE ORIGIN, COURSE AND TERMINATION OF CORTICOSPINAL FIBERS IN THE SLOW LORIS, NYCTICEBUS COUCANG (BODDAERT).
AD-641 924 6C T66 24

YAU, S. S.
GENERATION OF AN OUTPUT REGULAR EXPRESSION OF A SEQUENTIAL MACHINE WITH A SPECIFIED INPUT REGULAR EXPRESSION.
AD-641 745 9B T66 24 HC$ 1.00 MF$ 0.50

YEAGER, R. A.
PRELIMINARY INVESTIGATION OF OFF-DESIGN PERFORMANCE OF DIVERGENT-EJECTOR-TYPE ROCKET NOZZLES.
N66-33346 21H S04 19 HC$ 2.00 MF$ 0.50

YEE, H. Y.
APPROXIMATE METHODS FOR THE COMPUTATION OF WAVE PROPAGATION IN NONUNIFORM MEDIA INTERIM REPORT NO. 1.
N66-33409 20N S04 19 HC$ 2.00 MF$ 0.50

YEGOROV, B. B.
AN IMPORTANT STEP IN SPACE MEDICINE. SOME RESULTS OF THE EXPERIMENT ON THE COSMOS 110 SATELLITE.
N66-33725 6S S04 19 HC$ 1.00 MF$ 0.50

YEH, C.
INTERACTION OF MICROWAVES WITH AN INHOMOGENEOUS AND ANISOTROPIC PLASMA COLUMN.
AD-641 726 20I T66 24

EXACT SOLUTION TO A LENS PROBLEM.
AD-641 729 20F T66 24

REFLECTION AND TRANSMISSION OF ELECTROMAGNETIC WAVES BY A MOVING DIELECTRIC MEDIUM.
AD-641 733 20N T66 24

TRANSVERSE MAGNETIC WAVE PROPAGATION IN SINUSOIDALLY STRATIFIED DIELECTRIC MEDIA.
AD-641 734 20N T66 24

YOELI, MICHAEL
SYNTHESIS OF AUTOMATA BY DECOMPOSITION TECHNIQUES.
AD-641 672 9B T66 24 HC$ 1.00 MF$ 0.50

YOKOYAMA, K.
RECORDING LEAF MOVEMENTS WITH A STRAIN GAUGE.
N66-33417 6C S04 19 HC$ 1.00 MF$ 0.50

YOULA, D. C.
THE SYNTHESIS OF NETWORKS CONTAINING LUMPED AND DISTRIBUTED ELEMENTS. PARTS I AND II.
AD-641 898 9E T66 24 HC$ 4.00 MF$ 0.75

YOUNGQUIST, W. G.
STRESSES INDUCED IN A SANDWICH PANEL BY LOAD APPLIED AT AN INSERT.
AD-61 585 13H U41 24 HC$ 2.60

YOUNG, JAMES W.
NUCLEAR MAGNETIC RESONANCE STUDY OF 2,3-QUINOXALINE DICARBOXALDEHYDE AND ITS CYCLIC MONOHYDRATE.
AD-641 740 7C T66 24

YOUNG, L. R.
VISUAL AND CONTROL ASPECTS OF SACCADIC EYE MOVEMENTS.
N66-37775 6P S04 23 HC$ 3.00 MF$ 1.00

BIOLOGICAL CONTROL SYSTEMS - A CRITICAL REVIEW AND EVALUATION.
N66-37776 6P S04 23 HC$ 4.25 MF$ 2.00

YOUNG, L. S.
TRANSONIC FLUTTER INVESTIGATION OF MODELS OF PROPOSED HORIZONTAL TAILS FOR THE X-15 AIRPLANE.
N66-33328 1A S04 19 HC$ 2.00 MF$ 0.50

TRANSONIC FLUTTER INVESTIGATION OF MODELS OF THE X-15 AIRPLANE HORIZONTAL TAIL.
N66-33329 1A S04 19 HC$ 2.00 MF$ 0.50

YURKINA, M. I.
ON CORRECTIONS FOR GRAVITY DURING LEVELING IN A HIGH-MOUNTAIN REGION.
AD-641 757 8E T66 24 HC$ 1.00 MF$ 0.50

YUYAMA, S.

SIMULATION OF ORGANISMIC MORPHOLOGY AND BEHAVIOR BY SYNTHETIC POLY-ALPHA-AMINO ACIDS.
N66-37894 6A S04 23 HC$ 1.00 MF$ 0.50

ZAGALA, P. R.
ROCKET LAUNCHER STUDIES,
AD-445 710 19G U41 24 HC$ 2.00

ZALKIND, SHELDON S.
COMBAT RECOGNITION REQUIREMENTS,
AD-641 850 5I T66 24 HC$ 10.60 MF$ 0.75

NAVY RECOGNITION TRAINING,
AD-641 879 5I T66 24 HC$ 7.60 MF$ 0.75

ZAPPINI, WILLIAM
PERFORMANCE OF RHESUS MONKEYS DURING CONTINUOUS LOW-LEVEL GAMMA RADIATION AN EXPLORATORY STUDY,
AD-641 331 6R T66 24 HC$ 2.00 MF$ 0.50

ZATSEPIN, V. I.
SEARCH FOR HIGH-ENERGY PHOTONS FROM DISCRETE SOURCES OF COSMIC RADIATION,
N66-33691 20H S04 19 HC$ 1.00 MF$ 0.50

ZATSICK, M. R.
FLUOR-PHOTODIODE GAMMA RAY DOSIMETER,
AD-641 913 18D T66 24 HC$ 4.00 MF$ 0.75

ZECKHAUSER, RICHARD
AN ECONOMIC THEORY OF ALLIANCES,
AD-641 855 5C T66 24 HC$ 2.00 MF$ 0.50

ZEFT, HOWARD J.
STUDY OF MAN DURING A 56-DAY EXPOSURE TO AN OXYGEN-HELIUM ATMOSPHERE AT 258 MM. HG TOTAL PRESSURE. V. EXERCISE PERFORMANCE AND CARDIOVASCULAR RESPONSE,
AD-641 805 6S T66 24

THE STUDY OF MAN DURING A 56-DAY EXPOSURE TO AN OXYGEN-HELIUM ATMOSPHERE AT 258 MM. HG. TOTAL PRESSURE. XII. CLINICAL OBSERVATIONS,
AD-641 953 6S T66 24

ZEFT, H. J.
STUDY OF MAN DURING A 56-DAY EXPOSURE TO AN OXYGEN-HELIUM ATMOSPHERE AT 258 MM. HG TOTAL PRESSURE. I. INTRODUCTION AND GENERAL EXPERIMENTAL DESIGN,
AD-641 820 6S T66 24

OBSERVATIONS ON MAN IN AN OXYGEN-HELIUM ENVIRONMENT AT 380 MM. HG TOTAL PRESSURE. II. RESPIRATORY,
AD-641 828 6S T66 24

ZEGEL, FERDINAND H.
INFRARED CLOUD COVER DETECTOR,
PB-173 427 4B U41 24 HC$ 3.00 MF$ 0.75

ZENK, G. E.
DESIGN OF AN AUTOMATED STELLAR PROPER MOTION MEASURING SYSTEM, 1 JULY 1965 - 30 JUNE 1966,
N66-33399 3A S04 19 HC$ 4.00 MF$ 1.00

ZIMILES, H.
THE EFFECTS OF FRICTION ON THE ACCURACY OF KNOB SETTINGS,
AD-109 236 5E U41 24 HC$ 1.10

ZIMMER, HERBERT
PSYCHOPHYSIOLOGIC VARIABLES AS INDICATIONS OF EMOTIONAL STRESS,
AD-641 814 9J T66 24 HC$ 9.20 MF$ 2.75

ZIRKIND, RALPH
RADIATION FROM ROCKET EXHAUST PLUMES,
AD-641 612 21B T66 24 HC$ 2.00 MF$ 0.50

ZIVANOVIC, SRBISLAV
A NUMERICAL METHOD FOR THE DETERMINATION OF THE TRANSMISSION AND REFLECTION COEFFICIENTS OF A NON-UNIFORM PLASMA SLAB,
AD-294 466 20I U41 24 HC$ 4.60

ZOBEL, W.
TEMPERATURE DEPENDENCE OF THE RESPONSE OF LITHIUM-DRIFTED GERMANIUM DETECTORS TO GAMMA RAYS,
N66-38713 18D S04 23 HC$ 3.00 MF$ 0.75

ZUBER, B. L.
VISUAL AND CONTROL ASPECTS OF SACCADIC EYE MOVEMENTS,
N66-37775 6P S04 23 HC$ 3.00 MF$ 1.00

ZUCROW, J. M.
HIGH FREQUENCY COMBUSTION PRESSURE OSCILLATIONS IN MOTORS BURNING GASEOUS PROPELLANTS,
AD-478 023 21H U41 24 HC$ 3.00 MF$ 0.75

ZUKOSKI, E. E.
A STUDY OF SECONDARY INJECTION OF GASES INTO A SUPERSONIC FLOW,
N66-32724 20D S04 19 HC$ 2.50 MF$ 0.75

ZUMWALT, G. W.
COMPUTATION OF THE PRESSURE-TIME HISTORY OF A SONIC BOOM SHOCK WAVE ACTING ON A WINDOW GLASS IN A BUILDING,
N66-38754 20A S04 23 HC$ 2.50 MF$ 0.50

CORPORATE AUTHOR INDEX

ACADEMIA R. P. R., BUCHAREST. NATIONAL AERONAUTICS AND SPACE ADMINISTRATION. LANGLEY RESEARCH CENTER, LANGLEY STATION, VA.
AN ANALYSIS OF SUPERSONIC FLOW PHENOMENA IN CONICAL NOZZLES BY A METHOD OF CHARACTERISTICS,
N66-33972 20D S04 19 HC$ 2.00 MF$ 0.50

ADVANCED TECHNOLOGY CORP., TIMONIUM, MD.
STUDY OF ADAPTIVE ANTENNA TECHNIQUES FOR MILLIMETER WAVE APPLICATIONS.
AD-641 718 9E T66 24 HC$ 4.00 MF$ 1.00

ADVISORY GROUP FOR AEROSPACE RESEARCH AND DEVELOPMENT, PARIS (FRANCE).
PROBLEMS ASSOCIATED WITH THE PRESENCE OF WATER, SLUSH, SNOW AND ICE ON RUNWAYS,
N66-33489 1B S04 19 HC$ 2.50 MF$ 0.75

INDEX TO AGARD PUBLICATIONS 1952 - 1963, SUPPLEMENT NUMBER ONE.
N66-37801 22B S04 23 HC$ 3.25 MF$ 1.00

AEROJET-GENERAL CORP., SACRAMENTO, CALIF. LIQUID ROCKET OPERATIONS.
SUMMARY OF MATERIALS TECHNOLOGY OF M-1 ENGINE.
N66-33977 13H S04 19 HC$ 2.50 MF$ 0.75

FABRICATION OF LIGHTWEIGHT TURBINE COMPONENTS USING ELECTRON BEAM WELDING FOR THE ATTACHMENT OF SHEET METAL BLADES TO DISCS AND SHROUDS.
N66-38757 13H S04 23 HC$ 2.50 MF$ 0.75

AEROMEDICAL RESEARCH LAB. (6571ST), HOLLOMAN AFB, N. MEX.
PERFORMANCE OF RHESUS MONKEYS DURING CONTINUOUS LOW-LEVEL GAMMA RADIATION AN EXPLORATORY STUDY.
AD-641 331 6R T66 24 HC$ 2.00 MF$ 0.50

AERONAUTICAL CHART AND INFORMATION CENTER, ST. LOUIS, MO. LINGUISTIC SECTION.
RESEARCH IN GEODETIC GRAVIMETRY,
AD-641 753 8E T66 24 HC$ 4.00 MF$ 1.00

ABYSSAL STRUCTURE OF THE BALTIC SHIELD ACCORDING TO GEOPHYSICAL INVESTIGATION DATA,
AD-641 754 8G T66 24 HC$ 1.00 MF$ 0.50

THE CONFERENCE ON GRAVITY IN TIFLIS.
AD-641 755 3C T66 24 HC$ 1.00 MF$ 0.50

GRAVITATIONAL DEVELOPMENT OF SLOPES.
AD-641 756 8F T66 24 HC$ 1.00 MF$ 0.50

ON CORRECTIONS FOR GRAVITY DURING LEVELING IN A HIGH-MOUNTAIN REGION.
AD-641 757 8E T66 24 HC$ 1.00 MF$ 0.50

AERONUTRONIC DIV., FORD MOTOR CO., NEWPORT BEACH, CALIF.
INFRARED RADIATION EMITTED BY HOT GASES AND ITS TRANSMISSION THROUGH SYNTHETIC ATMOSPHERES.
AD-296 016 20F U41 24 HC$ 9.60

AEROSPACE CORP., LOS ANGELES, CALIF.
MISSION ORIENTED INVESTIGATION AND EXPERIMENTATION - GASEOUS DISCHARGE.
AD-456 624 20I U41 24 HC$ 1.00

AEROSPACE MEDICAL DIV. AEROSPACE MEDICAL RESEARCH LABS. (6570TH), WRIGHT-PATTERSON AFB, OHIO.
A TECHNIQUE TO INVESTIGATE SPACE MAINTENANCE TASKS,
N66-38115 5H S04 23 HC$ 1.00 MF$ 0.50

AEROSPACE MEDICAL RESEARCH LABS., WRIGHT-PATTERSON AFB, OHIO.
EFFECTS OF SONIC BOOM ON PEOPLE REVIEW AND OUTLOOK,
AD-641 352 6S T66 24

THE EFFECT OF PRIOR EXPERIENCE ON ACQUIRING SKILL ON A SIMULATED INERTIAL CONTROL TASK,
AD-641 389 5I T66 24 HC$ 2.00 MF$ 0.50

AEROSPACE TECHNOLOGY DIV., LIBRARY OF CONGRESS, WASHINGTON, D. C.
FOREIGN SCIENCE BULLETIN, VOL. 2, NO. 10.
AD-641 339 5A T66 24 HC$ 3.00 MF$ 0.75

SOLID PROPELLANT COMBUSTION ANALYTICAL SURVEY.
AD-641 602 21B T66 24 HC$ 3.00 MF$ 0.75

GEOSCIENCES AND TECHNOLOGY BULLETIN, VOLUME 1, NO. 1.
AD-641 717 17J T66 24 HC$ 2.00 MF$ 0.50

ON OPERATION OF PUMPS AND BLOWERS UNDER REDUCED FEED REGIMES.
AD-641 856 20D T66 24 HC$ 1.00 MF$ 0.50

POPULATION INVERSION IN ADIABATIC EXPANSION OF A GAS MIXTURE,
AD-641 863 7D T66 24 HC$ 1.00 MF$ 0.50

ON OPTIMIZING A TRAJECTORY TAKING INTO ACCOUNT THE MOTION ABOUT THE CENTER OF MASS,
AD-641 865 22C T66 24 HC$ 1.00 MF$ 0.50

AN EXPRESSION FOR THE BURNING VELOCITY IN SIMULTANEOUS HOMOGENEOUS AND HETEROGENEOUS REACTIONS,
AD-641 866 21B T66 24 HC$ 1.00 MF$ 0.50

BLEACHING MECHANISM OF ORGANIC PHOTOTROPIC SUBSTANCES USED IN RUBY LASERS AS SWITCHES,
AD-641 876 20E T66 24 HC$ 1.00 MF$ 0.50

COMMUNIST CHINESE ROCKET PROPULSION TECHNOLOGY COMPILATION OF ABSTRACTS.
AD-641 892 21H T66 24 HC$ 2.00 MF$ 0.50

INVESTIGATION OF THE OXIDATION RESISTANCE OF ZIRCONIUM BORIDE-MOLYBDENUM DISILICIDE ALLOYS,
AD-641 930 11F T66 24 HC$ 1.00 MF$ 0.50

AIR FORCE AERO PROPULSION LAB., WRIGHT-PATTERSON AFB, OHIO.
EXPANDABLE AND MODULAR STRUCTURES TECHNOLOGY FOR SUPPORT OF MANNED MISSIONS,
AD-641 903 22A T66 24 HC$ 1.00 MF$ 0.50

AIR FORCE CAMBRIDGE RESEARCH LABS., L. G. HANSCOM FIELD, MASS.
THREE PEAKS NEAR 27 DAYS IN A HIGH-RESOLUTION SPECTRUM OF THE INTERNATIONAL MAGNETIC CHARACTER FIGURE, CI,
AD-641 350 8N T66 24

DIFFUSION COEFFICIENTS IN THE UPPER ATMOSPHERE FROM CHEMILUMINOUS TRAILS.
AD-641 351 4A T66 24

ELECTRON AND PROTON OBSERVATIONS.
AD-641 358 4A T66 24 HC$ 2.00 MF$ 0.50

TRANSMISSION LINE MODELS OF MAGNON-PHONON MODES IN FERRITES, PART I. UNCOUPLED MODES.
AD-641 638 20C T66 24 HC$ 1.00 MF$ 0.50

ENERGY TRANSFER FROM A TEST ELECTRON TO A COLLISIONLESS PLASMA,
AD-641 639 20I T66 24 HC$ 2.00 MF$ 0.50

SWEPT FREQUENCY MEASUREMENT OF WATER-DROP DIAMETER.
AD-641 692 4B T66 24

ON THE COMPLEX POISSON S RATIO OF A URETHANE RUBBER COMPOUND.
AD-641 693 11J T66 24

TEMPERATURE DEPENDENCE OF INFRARED DISPERSION IN IONIC CRYSTALS LIF AND MGO.
AD-641 694 20F T66 24

AIR FORCE FLIGHT TEST CENTER, EDWARDS AFB, CALIF.
IMPORTANT VSTOL AIRCRAFT STABILITY DERIVATIVES IN HOVER AND TRANSITION.
AD-641 371 1A T66 24 HC$ 2.00 MF$ 0.50

AIR FORCE SYSTEMS COMMAND, WASHINGTON, D. C.
PROCEEDINGS OF THE ANNUAL AIR FORCE SCIENCE AND ENGINEERING SYMPOSIUM (13TH), 27-28-29 SEPTEMBER 1966, ARNOLD ENGINEERING DEVELOPMENT CENTER, ARNOLD AIR FORCE STATION, TENNESSEE. VOLUME I. UNCLASSIFIED, UNCONTROLLED DISTRIBUTION VOLUME.
AD-641 921 5A T66 24 HC$ 9.10 MF$ 2.75

PROCEEDINGS OF THE ANNUAL AIR FORCE SCIENCE AND ENGINEERING SYMPOSIUM (13TH), 27-28-29 SEPTEMBER 1966, ARNOLD ENGINEERING DEVELOPMENT CENTER, ARNOLD AIR FORCE STATION, TENNESSEE. VOLUME II. UNCLASSIFIED, UNCONTROLLED DISTRIBUTION VOLUME.
AD-641 922 5A T66 24 HC$ 9.55 MF$ 2.75

PROCEEDINGS OF THE ANNUAL AIR FORCE SCIENCE AND ENGINEERING SYMPOSIUM (13TH), 27-28-29 SEPTEMBER 1966, ARNOLD ENGINEERING DEVELOPMENT CENTER, ARNOLD AIR FORCE STATION, TENNESSEE. VOLUME III. UNCLASSIFIED, UNCONTROLLED DISTRIBUTION VOLUME OF UNPRESENTED PAPERS.
AD-641 923 5A T66 24 HC$ 7.00 MF$ 1.50

AIR PREHEATER CO., INC., WELLSVILLE, N. Y.
INVESTIGATE ADVANCED HEAT EXCHANGER DESIGNS OF COMPACT HEAT EXCHANGERS WHEN OPERATIVE IN A MARINE ENVIRONMENT.
AD-488 439 13A U41 24 HC$ 2.00 MF$ 0.50

AKTIEBOLAGET ATOMENERGI, STOCKHOLM (SWEDEN).
REACTION RATE DISTRIBUTIONS AND RATIOS IN FRO ASSEMBLIES 1, 2, AND 3.
N66-33125 18K S04 19 HC$ 3.00 MF$ 0.75

ALABAMA UNIV. RESEARCH INST., HUNTSVILLE.
APPROXIMATE METHODS FOR THE COMPUTATION OF WAVE PROPAGATION IN NONUNIFORM MEDIA INTERIM REPORT NO. 1.
N66-33409 20N S04 19 HC$ 2.00 MF$ 0.50

ALABAMA UNIV., UNIVERSITY. BUREAU OF ENGINEERING RESEARCH.
A THEORETICAL STUDY TO IMPROVE UTILIZATION OF MISSILE TELEMETRY SYSTEMS.
AD-468 429 9F U41 24 HC$ 3.00 MF$ 0.50

ON CONICAL SHELLS OF LINEARLY VARYING THICKNESS SUBJECTED TO LATERAL NORMAL LOADS PROGRESS REPORT NO. 1.
N66-33379 20K S04 19 HC$ 2.00 MF$ 0.50

ALBERTA UNIV., CALGARY. DEPT. OF MATHEMATICS.
VECTOR LYAPUNOV FUNCTIONS AND CONDITIONAL STABILITY,
AD-641 881 12A T66 24

AMERICAN CYANAMID CO., BOUND BROOK, N. J.
STUDY OF CHROMOTROPIC PROPERTIES OF COLORANTS.
AD-449 505 7C U41 24 HC$ 3.00

AMERICAN CYANAMID CO., STAMFORD, CONN.
DEVELOPMENT OF HIGH-PERFORMANCE LIGHT-WEIGHT ELECTRODES FOR HYDROGEN-OXYGEN FUEL CELLS FOURTH QUARTERLY REPORT, 6 JAN. - 5 APR. 1966.
N66-38498 10A S04 23 HC$ 2.50 MF$ 0.50

AMERICAN INST. OF PHYSICS, NEW YORK.
INDEXING PHYSICS RESEARCH PAPERS. COMMENTARY.
PB-173 461 5B U41 24 HC$ 1.10 MF$ 0.50

AMERICAN OIL CO., WHITING, IND. RESEARCH AND DEVELOPMENT DEPT.
BASIC STUDY OF SORPTION OF ORGANIC FUELS DURING OXIDATION AT ELECTRODES.
AD-454 676 21D U41 24 HC$ 12,60

AMPEX CORP., REDWOOD CITY, CALIF.
ANALYZATION, DESIGN, FABRICATION, AND TESTING OF A FOIL BEARING ROTOR SUPPORT SYSTEM FINAL TECHNICAL REPORT.
N66-32962 13I S04 19 HC$ 4.00 MF$ 0.75

ANDREWS ASSOCIATES, INC., OKLAHOMA CITY, OKLA.
COMPUTATION OF THE PRESSURE-TIME HISTORY OF A SONIC BOOM SHOCK WAVE ACTING ON A WINDOW GLASS IN A BUILDING.
N66-38754 20A S04 23 HC$ 2.50 MF$ 0.50

ANTIOCH COLL., YELLOW SPRINGS, OHIO. BEHAVIOR RESEARCH LAB.
HUMAN AND ANIMAL VIGILANCE.
AD-641 783 5J T66 24

ARCTIC AEROMEDICAL LAB., FOR WAINWRIGHT, ALASKA.
RESEARCH OF THE SCIENTIFIC LITERATURE AND REPORTS ON THE EFFECTS OF MAN OF ALCOHOL ALONE AND IN COMBINATION WITH OTHER DRUGS.
AD-641 794 6E T66 24 HC$ 5.00 MF$ 1.00

AREA REDEVELOPMENT ADMINISTRATION, WASHINGTON, D. C.
THE COMMUNITY AND ECONOMIC DEVELOPMENT,
PB-173 468 5C U41 24 HC$ 2.00 MF$ 0.50

ARIZONA STATE UNIV., TEMPE. DEPT. OF MATHEMATICS.
COVERING THEOREMS FOR UNIVALENT FUNCTIONS.
AD-641 512 12A T66 24

ARIZONA STATE UNIV., TEMPE. DEPT. OF PHYSICS.
ELECTRICAL CONDUCTION BY OXYGEN IONS IN CERIUM OXIDE,
AD-641 790 20C T66 24

ARIZONA UNIV., TUCSON.
MINIMUM TIME AIRCRAFT TRAJECTORIES BETWEEN TWO POINTS IN RANGE ALTITUDE SPACE.
N66-38425 1B S04 23 HC$ 2.50 MF$ 0.50

COMMUNICATIONS OF THE LUNAR AND PLANETARY LABORATORY, VOLUME 5, PART 1, NUMBER 70.
N66-39712 3B S04 23 HC$ 4.00 MF$ 1.25

ARIZONA UNIV., TUCSON. DEPT. OF PHYSICS.
EFFECT OF HYDROSTATIC PRESSURE ON THE CURIE POINTS OF SEVERAL FERRITES.
AD-641 494 11G T66 24

ARKANSAS STATE HIGHWAY DEPT., DIV. OF PLANNING AND RESEARCH.
EXPERIMENTAL PAVEMENT MARKINGS,
PB-173 493 13B U41 24 HC$ 2.00 MF$ 0.50

ARMED FORCES INST. OF PATHOLOGY, WASHINGTON, D. C.
LEAD ENCEPHALOPATHY,
AD-641 838 6E T66 24

ARMED FORCES INST. OF PATHOLOGY, WASHINGTON, D. C. DEPT. OF OPHTHALMIC PATHOLOGY.
UNSUSPECTED RETINOBLASTOMA ENUCLEATION IN AN 11-YEAR OLD GIRL FOLLOWING INJURY AND PANOPHTHALMITIS.
AD-641 834 6E T66 24

ARMY BIOLOGICAL CENTER, FREDERICK, MD.
INHIBITION OF STAPHYLOCOCCAL ENTEROTOXIN B FORMATION IN BROTH CULTURES.
AD-641 949 6H T66 24

EFFECT OF SODIUM BICARBONATE ON PLAQUE FORMATION BY TWO STRAINS OF VENEZUELAN EQUINE ENCEPHALOMYELITIS VIRUS.
AD-641 952 6H T66 24

ARMY BIOLOGICAL LABS., FORT DETRICK, MD.
EFFECT OF CALCIUM CHLORIDE AND MAGNESIUM SULFITE ON THE RATE OF RIGOR MORTIS,
AD-641 751 6A T66 24 HC$ 1.00 MF$ 0.50

A METHOD OF DETERMINING SENSITIVITY OF RICKETTSIA BURNETI TO ANTIBIOTICS IN VITRO,
AD-641 752 6O T66 24 HC$ 1.00 MF$ 0.50

ARMY BIOLOGICAL LABS., FREDERICK, MD.
OBSERVATIONS ON THE DEVELOPMENT CYCLE OF AEDES (F.) TOGOI UNDER LABORATORY AND NATURAL CONDITIONS,
AD-641 424 6C T66 24 HC$ 1.00 MF$ 0.50

ON THE EXISTENCE OF FREE RADICALS IN ENZYMATIC HYDROLYSIS OF ADENOSINE TRIPOSPHATE,
AD-641 425 6A T66 24 HC$ 1.00 MF$ 0.50

ULTRA-WEAK LUMINESCENCE AND OXIDATIVE PHOSPHORYLATION IN MITOCHONDRIA,
AD-641 426 6A T66 24 HC$ 1.00 MF$ 0.50

EFFECT OF PLAGUE TOXIN ON BLOOD PROTEINS AND INCORPORATION OF METHIONINE-S35 INTO TISSUE PROTEINS,
AD-641 427 6E T66 24 HC$ 1.00 MF$ 0.50

PROBLEMS OF EPIDEMIOLOGICAL GEOGRAPHY. REPORT IV. ZONAL, REGIONAL AND RESIDUAL NOSOLOGICAL AREAS OF DISEASE,
AD-641 747 6F T66 24 HC$ 1.00 MF$ 0.50

THE PROBLEM OF FERTILIZATION IN IXODES TICKS,
AD-641 748 6C T66 24 HC$ 2.00 MF$ 0.50

EFFECT OF SINGLE AND REPEATED TETRACYCLINE ADMINISTRATION ON THE PHAGOCYTIC FUNCTION OF RETICULENDOTHELIAL SYSTEMS,
AD-641 749 6O T66 24 HC$ 1.00 MF$ 0.50

CATHODE LUMINESCENCE OF NORMAL AND CANCEROUS CELLS,
AD-641 750 6C T66 24 HC$ 1.00 MF$ 0.50

PATHOPHYSIOLOGY OF ANTHRAX,
AD-641 933 6E T66 24

DIRECT FLUORESCENT LABELING OF MICROORGANISMS AS A POSSIBLE LIFE-DETECTION TECHNIQUE,
AD-641 936 6M T66 24

HEMAGGLUTINATION-INHIBITION METHOD AND IMMUNOFLUORESCENCE STAINING WITH VENEZUELAN EQUINE ENCEOHALOMYELITIS VIRUS,
AD-641 937 6M T66 24

CONTROLLED PH AND OXIDATION-REDUCTION POTENTIAL WITH A NEW GLASS TISSUE-CULTURE FERMENTOR,
AD-641 939 6L T66 24

RAPID CHANGES IN BACTERIA FOLLOWING INTRODUCTION INTO HYPERTONIC MEDIA,
AD-641 940 6M T66 24

ETHYLENE PRODUCTION FROM LINOLENIC ACID,
AD-641 941 6A T66 24

HOST INFLUENCE ON THE CHARACTERISTICS OF VENEZUELAN EQUINE ENCOPHALOMYELITIS VIRUS,
AD-641 944 6M T66 24

DIFFERENTIAL MEDIA FOR THE IDENTIFICATION OF BACILLUS ANTHRACIS,
AD-641 945 6M T66 24

A PRACTICAL METHOD FOR PARTIAL PURIFICATION OF THE ORGANISM OF PSITTACOSIS GROWN IN CHICKEN EMBRYO YOLK SAC,
AD-641 946 6M T66 24

BIOCHEMICAL AND PHYSICAL CHANGES IN SHAKEN SUSPENSIONS OF PASTEURELLA PESTIS,
AD-641 947 6M T66-24

GROWTH OF DESULFOVIBRIO ON THE SURFACE OF AGAR MEDIA,
AD-641 948 6M T66 24

STREPTOMYCIN INHIBITION OF ELABORATION OF STAPHYLOCOCCAL ENTEROTOXIC PROTEIN,
AD-641 950 6M T66 24

INHIBITION OF PROTEIN SYNTHESIS BY SPERMINE IN GROWING CELLS OF STAPHYLOCOCCUS AUREUS,
AD-641 951 6M T66 24

SAMPLING SUBMICRON T1 BACTERIOPHAGE AEROSOLS,
AD-642 006 6M T66 24

EVALUATION OF AN AUTOMATIC ELECTRONIC DEVICE FOR COUNTING BACTERIAL COLONIES,
AD-642 007 6M T66 24

ARMY BIOLOGICAL LAB., FREDERICK, MD.
MODIFIED GRADIENT PLATE FOR USE IN THE VIRUS PLAQUE TECHNIQUE,
AD-641 938 6M T66 24

PRESERVATION OF SERRATIA MARCESCENS BY HIGH-VACUUM LYOPHILIZATION,
AD-641 942 6M T66 24

CHEMILUMINESCENCE OF LUMINOL IN THE PRESENCE OF HEMATIN COMPOUNDS,
AD-642 005 6A T66 24

ARMY ELECTRONICS COMMAND, FORT MONMOUTH, N. J.
DESIGN OF INTEGRATED ELECTRONIC DELAY LINE FOR A MAN-TRANSPORTABLE MTI RADAR SET,
AD-641 328 9A T66 24 HC$ 1.00 MF$ 0.50

CAPACITOR CHARACTERISTICS OF ANODIZED TWIN-FILM HAFNIUM,
AD-641 338 9A T66 24 HC$ 2.00 MF$ 0.50

REMOVAL OF HYDROGEN IMPURITIES IN CLOSED NOBLE GAS DISCHARGE SYSTEMS,
AD-641 360 20I T66 24 HC$ 2.00 MF$ 0.50

TECHNOLOGY, DESIGN AND APPLICATION OF INTEGRATED CIRCUITS.
AD-641 642 9E T66 24 HC$ 3.00 MF$ 0.75

DUPLEXER FOR A RADAR SYSTEM USING A DUAL-MODE TRANSMITTER TUBE,
AD-641 961 17I T66 24 HC$ 1.00 MF$ 0.50

ARMY ELECTRONICS RESEARCH AND DEVELOPMENT ACTIVITY, WHITE SANDS MISSILE RANGE, N. MEX. ENVIRONMENTAL SCIENCES DIRECTORATE.
SIX DEGREE OF FREEDOM DIGITAL SIMULATION MODEL FOR UNGUIDED FIN-STABILIZED ROCKETS,
AD-452 106 19G U41 24 HC$ 2.60

ATMOSPHERIC SOUND PROPAGATION NEAR THE EARTH S SURFACE,

AD-473 746 3B U41 24 HC$ 1.60 MF$ 0.50

ARMY ENGINEER RESEARCH AND DEVELOPMENT LABS., FORT BELVOIR, VA.
CORUSCATIVES AS ADDITIVES FOR HIGH-BLAST EXPLOSIVES,
AD-413 927 19A U41 24 HC$ 4.60

AZIDE TITLES,
AD-641 697 19A T66 24 HC$ 3.00 MF$ 0.75

ARMY ENGINEER WATERWAYS EXPERIMENT STATION, VICKSBURG, MISS.
CRATERING FROM HIGH EXPLOSIVE CHARGES. ANALYSIS OF CRATER DATA,
AD-263 170 19D U41 24 HC$ 11.60

ARMY MATERIALS RESEARCH AGENCY, WATERTOWN, MASS.
EXPERIMENTAL DETERMINATION OF ULTRASONIC TRANSDUCER FREQUENCY RESPONSE,
AD-641 931 20A T66 24 HC$ 1.00 MF$ 0.50

EXPERIMENTAL STUDY OF TWIN CYLINDRICAL SHELLS UNDER LOCAL AXIAL LOADINGS,
AD-641 965 13M T66 24 HC$ 1.00 MF$ 0.50

ARMY MEDICAL RESEARCH LAB., FORT KNOX, KY.
A SENSITIVE RANK TEST FOR COMPARING THE EFFECTS OF TWO TREATMENTS ON A SINGLE GROUP,
AD-641 417 5J T66 24

ARMY MEDICAL RESEARCH LAB., FORT KNOX, KY. EXPERIMENTAL PSYCHOLOGY DIV.
COMPUTER MEASUREMENTS OF HIPPOCAMPAL FAST ACTIVITY IN CATS WITH CHRONICALLY IMPLANTED ELECTRODES,
AD-641 415 6P T66 24

CONCOMITANT VISUAL STIMULATION DOES NOT ALTER HABITUATION OF NYSTAGMIC, OCULOGYRAL OR PSYCHOPHYSICAL RESPONSES TO ANGULAR ACCELERATION,
AD-641 418 6S T66 24

ARMY MEDICAL RESEARCH LAB., FORT KNOX, KY. PATHOLOGY DIV.
PANCREATIC FLUKES (EURYTREMA PROCYONIS) IN DOMESTIC CATS,
AD-641 416 6C T66 24

ARMY MEDICAL RESEARCH UNIT., EUROPE.
IONIZING RADIATION, INJURY, PREVENTION AND TREATMENT.
AD-641 880 6R T66 24 HC$ 2.00 MF$ 0.50

ARMY MEDICAL UNIT, FREDERICK, MD,
ALTERATIONS IN THYROID PHYSIOLOGY DURING PNEUMOCOCCAL SEPTICEMIA IN THE RAT,
AD-641 840 6P T66 24

ARMY MISSILE COMMAND, HUNTSVILLE, ALA. REDSTONE SCIENTIFIC INFORMATION CENTER.
UNCLASSIFIED INFORMATION LIST, 12-16 SEPTEMBER 1966,
N66-38726 5B S04 23 HC$ 1.00 MF$ 0.50

ARMY MISSILE COMMAND, HUNTSVILLE, ALA. RESEARCH BRANCH.
TRANSPIRATION AND FILM COOLING OF LIQUID ROCKET NOZZLES.
N66-38728 20H S04 23 HC$ 3.00 MF$ 0.75

ARMY MISSILE COMMAND, HUNTSVILLE, ALA. TRANSLATION BRANCH.
MESOMETEOROLOGY AND THE POSSIBILITIES OF FORECASTING LOCAL WEATHER.
N66-38715 4B S04 23 HC$ 1.00 MF$ 0.50

AN EXPERIMENT ON THE QUANTITATIVE DESCRIPTION OF CLIMATIC ELEMENT FIELD BY ORTHOGONAL FUNCTIONS.
N66-38717 4B S04 23 HC$ 1.00 MF$ 0.50

ARMY MISSILE COMMAND, REDSTONE ARSENAL, ALA. PROPULSION LAB.
AN INVESTIGATION OF THE RHEOLOGY OF GELS,
AD-641 484 20D T66 24 HC$ 1.00 MF$ 0.50

ARMY NATICK LABS., MASS.
THE YUMA TEST STATION, ARIZONA, HOURLY AND DAILY INSOLATION RECORD 1951 - 1962.
AD-462 122 4A U41 24 HC$ 5.60

ARMY NUCLEAR DEFENSE LAB., EDGEWOOD ARSENAL, MD.
EVALUATION OF THE RESPONSE OF SILICON DIODE DOSIMETERS TO FAST NEUTRONS,
AD-641 559 18D T66 24 HC$ 2.00 MF$ 0.50

ARMY PERSONNEL RESEARCH OFFICE, WASHINGTON, D. C.
GENERATING RANDOM INFORMATION FOR EXPERIMENTAL DECISION PROBLEMS.
AD-641 327 15D T66 24 HC$ 2.00 MF$ 0.50

ABSTRACTS OF U. S. APRO RESEARCH PUBLICATIONS -- FY 1966.
AD-641 909 5I T66 24 HC$ 2.00 MF$ 0.50

ARMY RESEARCH OFFICE OF THE CHIEF RESEARCH AND DEVELOPMENT, WASHINGTON, D. C.
TENTH ANNUAL ARMY HUMAN FACTORS RESEARCH AND DEVELOPMENT CONFERENCE, 6-8 OCTOBER 1964, U. S. ARMY AVIATION CENTER, FORT RUCKER, ALABAMA.
AD-456 363 5E U41 24 HC$ 7.60

ARMY TANK-AUTOMOTIVE CENTER, WARREN, MICH.
SYSTEM DESCRIPTION FOR TRUCK, UTILITY 1 1/4 TON XM705 TRUCK, AMBULANCE 1 1/4 TON XM737.
AD-641 396 13F T66 24 HC$ 3.00 MF$ 0.75

ARNOLD ENGINEERING DEVELOPMENT CENTER, ARNOLD AIR FORCE STATION, TENN.
TESTS OF DRY COMPOSITE LUBRICATED BEARINGS FOR USE IN AN AEROSPACE ENVIRONMENTAL CHAMBER,
AD-458 414 11H U41 24 HC$ 2.00

DESCRIPTION AND PERFORMANCE OF A MOLECULAR BEAM CHAMBER USED FOR CRYOPUMPING AND ADSORPTION PUMPING STUDIES,
AD-641 388 14B T66 24 HC$ 2.00 MF$ 0.50

AN EXPERIMENTAL INVESTIGATION OF MIXING HIGH TEMPERATURE AIR WITH AMBIENT BYPASS AIR BY UPSTREAM INJECTION,
AD-641 712 20D T66 24 HC$ 2.00 MF$ 0.50

ATMOSPHERIC SCIENCES LAB., WHITE SANDS MISSILE RANGE, NEW MEX.
WIND SHEAR CALCULATIONS FOR SMALL SHEAR LAYERS,
AD-641 744 4B T66 24 HC$ 1.00 MF$ 0.50

ATMOSPHERIC SCIENCES LAB., WHITE SANDS MISSILE RANGE, N. MEX.
THE RICHARDSON NUMBER IN THE PLANETARY BOUNDARY LAYER,
AD-641 565 4B T66 24 HC$ 2.00 MF$ 0.50

WIND AND TEMPERATURE DATA FOR THE FIRST 62 METERS OF THE BOUNDARY LAYER AT WHITE SANDS MISSILE RANGE.
AD-641 579 4B T66 24 HC$ 2.00 MF$ 0.50

A SOUND/RANGING TECHNIQUE FOR LOCATING SUPERSONIC MISSILES,
AD-641 669 17A T66 24 HC$ 2.00 MF$ 0.50

SPECTRAL TRANSMISSIVITY OF THE EARTH S ATMOSPHERE IN THE 250 TO 500 WAVE NUMBER INTERVAL. PART IV (FINAL). A THEORETICAL COMPUTATION FOR PURE ROTATIONAL ABSORPTION,
AD-641 696 4A T66 24 HC$ 3.00 MF$ 0.75

A COMPARISON OF THREE METHODS FOR THE CORRECTION OF RADAR ELEVATION ANGLE REFRACTION ERRORS,
AD-641 705 17I T66 24 HC$ 2.00 MF$ 0.50

A MINERAL TRANSITION IN ATMOSPHERIC DUST TRANSPORT,
AD-641 706 8G T66 24 HC$ 2.00 MF$ 0.50

FOCAL PROPERTIES OF A PLANE GRATING IN A CONVERGENT BEAM,
AD-641 815 20F T66 24 HC$ 2.00 MF$ 0.50

ATMOSPHERIC SCIENCES LAB., WHITE SANDS, MISSILE RANGE, N. MEX.
UPPER WIND CORRELATIONS IN THE CENTRAL ROCKY MOUNTAINS,
AD-641 668 4B T66 24 HC$ 2.00 MF$ 0.50

AUBURN RESEARCH FOUNDATION, INC., ALA.
EVALUATION OF DATA OBTAINED FROM A 35 G HZ PROPAGATION EXPERIMENT TECHNICAL REPORT NO. 7,
N66-33443 4A S04 19 HC$ 1.00 MF$ 0.50

AUBURN UNIV., ALA. DEPT. OF MECHANICAL ENGINEERING.
HEAT TRANSFER THROUGH A HOLLOW CYLINDER SUBJECTED TO TEMPERATURE SHOCK,
AD-457 861 20M U41 24 HC$ 3.00

THERMAL DIFFUSIVITY OF SOLID PROPELLANTS DEVELOPMENT OF APPARATUS AND INITIAL TEST RESULTS.
AD-457 934 21E U41 24 HC$ 2.00

AURORAL OBSERVATORY, TROMSO (NORWAY).
ALO RESONANT SPECTRUM FOR UPPER ATMOSPHERE TEMPERATURE DETERMINATION.
AD-641 359 4A T66 24 HC$ 2.00 MF$ 0.50

AUTOMATION INDUSTRIES, INC., BOULDER, COLO. RESEARCH DIV.
ADVANCEMENT OF ULTRASONIC TECHNIQUES USING RERADIATED SOUND ENERGIES FOR NONDESTRUCTIVE EVALUATION OF WELDMENTS.
AD-641 354 13M T66 24 HC$ 1.00 MF$ 0.50

AUTOMATION INDUSTRIES, INC., DANBURY, CONN. ENGINEERIND DEPT.
DEVELOPMENT OF A RING BEAM WHEEL SURFACE WAVE SEARCH UNIT FINAL REPORT.
N66-38744 13M S04 23 HC$ 3.00 MF$ 0.75

AVCO CORP., WILMINGTON, MASS. AVCO SPACE SYSTEMS DIV.
INFRASONIC MODES AN OMNIBUS DIGITAL COMPUTER PROGRAM FOR THE STUDY OF ACOUSTIC-GRAVITY WAVE PROPAGATION,
AD-641 367 4A T66 24 HC$ 3.00 MF$ 0.75

AVCO CORP., WILMINGTON, MASS. RESEARCH AND ADVANCED DEVELOPMENT DIV.
FLOW FIELD COMPUTER PROGRAM FINAL REPORT,
N66-33713 20D S04 19 HC$ 2.50 MF$ 0.50

AVCO CORP., WILMINGTON, MASS. SPACE SYSTEMS DIV.
A SYSTEM TO MEASURE THE MASS OF A PROJECTILE LAUNCHED FROM AN EXPLODING FOIL GUN FINAL REPORT.
N66-37644 14B S04 23 HC$ 2.50 MF$ 0.75

AVCO-EVERETT RESEARCH LAB., EVERETT, MASS.
EVALUATION OF HIGH-TEMPERATURE GAS TRANSPORT PROPERTIES FINAL SUMMARY REPORT.
N66-38145 20H S04 23 HC$ 3.00 MF$ 1.00

BALLISTIC RESEARCH LABS., ABERDEEN PROVING GROUND, MD.
A RECURSION RELATION FOR COMPUTING LEAST-SQUARE POLYNOMIALS OVER MOVING-ARCS,
AD-641 341 12A T66 24 HC$ 1.00 MF$ 0.50

SPATIAL TRIANGULATION BY MEANS OF PHOTOGRAMMETRY,
AD-641 342 8E T66 24 HC$ 8.00 MF$ 0.75

SUPERSONIC FLOW OF AIR AROUND CORNERS,
AD-641 343 20D T66 24 HC$ 1.00 MF$ 0.50

AN INVESTIGATION OF SOME OF THE EFFECTS OF THE IONOSPHERE ON ELECTROMAGNETIC WAVE PROPOGATION,
AD-641 344 20N T66 24 HC$ 1.00 MF$ 0.50

CATALYTIC REACTIONS OF HYDRAZINE,

AD-641 345 7B T66 24 HC$ 1.60 MF$ 0.50

PROGRAMMING PRINCIPLES FOR THE IBM RELAY CALCULATORS.
AD-641 346 9B T66 24 HC$ 9.60 MF$ 0.75

ERROR THEORY OF INTERSECTION PHOTOGRAMMETRY.
AD-641 347 8E T66 24 HC$ 3.60 MF$ 0.50

A GENERALIZED VECTOR THEORY OF THE MACH-ZEHNDER INTERFEROMETER.
AD-641 348 20F T66 24 HC$ 2.60 MF$ 0.50

TABLES OF SUPERSONIC FLOWS ABOUT CONE CYLINDERS. PART II. COMPLETE FLOWS.
AD-641 349 20D T66 24 HC$ 25.20 MF$ 1.25

BRLESC FORTRAN II COMPUTER PROGRAMS FOR ANALYTICAL SOLUTIONS OF THE GENERAL PROBLEM OF PHOTOGRAMMETRY.
AD-641 386 8E T66 24 HC$ 5.00 MF$ 1.00

INDEX OF REFRACTION OF EXCITED MONATOMIC GASES.
AD-641 387 20H T66 24 HC$ 1.00 MF$ 0.50

THE PREPARATION OF A THEODOLITE PROBLEM FOR LARGE SCALE COMPUTING MACHINES.
AD-641 963 8E T66 24 HC$ 1.00 MF$ 0.50

NOTE ON THE DETERMINATION OF THE FORM OF AIR SHOCKS FROM THE DECAY CURVE.
AD-641 977 20D T66 24 HC$ 1.60 MF$ 0.50

A METHOD OF ANALYSIS OF ANTENNA PROPERTIES.
AD-641 978 9E T66 24 HC$ 2.00 MF$ 0.50

AN ALTERNATE SOLUTION FOR THE INTERSECTION PROBLEM.
AD-641 979 8E T66 24 HC$ 1.10 MF$ 0.50

TUBE CIRCUIT DESIGN USING THE G CURVE TECHNIQUE.
AD-641 980 9A T66 24 HC$ 3.60 MF$ 0.50

THE USE OF CONDUCTANCE CURVES FOR PENTODE CIRCUIT DESIGN.
AD-641 981 9A T66 24 HC$ 1.60 MF$ 0.50

TRAJECTORY DATA OBTAINABLE FROM DOVAP REDUCTIONS AT THE FIRING LOCATION.
AD-641 982 16B T66 24 HC$ 2.00 MF$ 0.50

BARTOL RESEARCH FOUNDATION, FRANKLIN INST., SWARTHMORE, PA.
NEW SPIN AND MIXING RATIO DETERMINATIONS FOR THREE LEVELS IN 60NI.
AD-641 533 20H T66 24

COMPOUND INELASTIC NUCLEON AND GAMMA-RAY ANGULAR DISTRIBUTIONS FOR EVEN-AND ODD-MASS NUCLEI.
AD-641 536 20H T66 24

BATTELLE MEMORIAL INST., COLUMBUS, OHIO.
RESEARCH AND STUDY OF ANALYTICAL TECHNIQUES FOR PREDICTING RELIABILITY OF FLIGHT-CONTROL SYSTEMS.
AD-449 419 1D U41 24 HC$ 23.50

STRUCTURAL CHANGES IN HIGH-STRENGTH STEEL ASSOCIATED WITH STRESS CORROSION AND ITS RELATIONSHIP TO DELAYED FAILURE.
AD-462 843 11F U41 24 HC$ 1.00

AD-468 171 11F U41 24 HC$ 1.00 MF$ 0.50

DEVELOPMENT OF PRACTICE FOR COMPOSITE ROLLING OF STRUCTURAL METAL PANELS.
AD-641 408 13H T66 24 HC$ 3.00 MF$ 0.75

EVALUATION OF SOME TRANSPORT INTEGRALS.
AD-641 678 20J T66 24

27AL AND 89Y NUCLEAR MAGNETIC RESONANCE IN YTTRIUM-ALUMINUM GARNET.
AD-641 772 20L T66 24

NOTE ON IONIZED IMPURITY SCATTERING IN SOLIDS.
AD-641 889 20L T66 24

ELECTRONIC PACKAGING - A BIBLIOGRAPHY.
N66-33398 9A S04 19 HC$ 3.00 MF$ 0.75

INVESTIGATION OF MECHANICAL PROPERTIES OF CHROMIUM, CHROMIUM RHENIUM, AND DERIVED ALLOYS TWENTY-THIRD QUARTERLY PROGRESS REPORT, OCT. 1, 1965 - MAR. 31, 1966.
N66-33432 11F S04 19 HC$ 1.00 MF$ 0.50

BATTELLE MEMORIAL INST., COLUMBUS, OHIO. COLUMBUS LABS.
ELECTRON-DENSITY OSCILLATIONS IN A GENERAL POTENTIAL.
AD-641 887 20L T66 24

BELFER GRADUATE SCHOOL OF SCIENCE, YESHIVA UNIV., NEW YORK.
RIGOROUS TREATMENT OF THE VAN DER WAALS-MAXWELL THEORY OF THE LIQUID-VAPOR TRANSITION.
AD-641 632 20H T66 24

PROPERTIES OF LATTICE AND CONTINUUM VAN DER WAALS FLUIDS AT THE CRITICAL POINT.
AD-641 633 20H T66 24

BELL AEROSYSTEMS CO., BUFFALO, N. Y.
A GENERALIZED EXPERIMENTAL STUDY OF INLET TEMPERATURE RISE OF JET V/STOL AIRCRAFT IN GROUND EFFECT.
AD-641 619 1C T66 24 HC$ 5.00 MF$ 1.00

PHOTOGRAPHIC INVESTIGATION OF PROPELLANT STREAM BEHAVIOR IN A FIRING ROCKET ENGINE, VOLUME I TECHNICAL SUMMARY REPORT, 1 AUG. 1964 - 28 FEB. 1966.
N66-34842 21M S04 19 HC$ 3.00 MF$ 0.75

BELLCOMM, INC., WASHINGTON, D. C.
AN APPLICATION OF GROUP THEORY TO THE NUMERICAL INTEGRATION OF THE EQUATIONS OF MOTION OF A CONSERVATIVE DYNAMICAL SYSTEM.
N66-33573 12A S04 19 HC$ 2.00 MF$ 0.50

BENDIX CORP., ANN ARBOR, MICH. SYSTEMS DIV.
LUNAR SIMULATION MODEL AND OPTICAL STUDIES FOR LUNAR ORBITER SYSTEM SUPPORT.
N66-38493 14B S04 23 HC$ 2.50 MF$ 0.75

BENDIX CORP., DAVENPORT, IOWA. PIONEER-CENTRAL DIV.
FREQUENCY TEMPERATURE COMPENSATION TECHNIQUES FOR QUARTZ CRYSTAL OSCILLATORS.
AD-481 611 9E U41 24 HC$ 3.00 MF$ 0.75

AD-485 171 9E U41 24 HC$ 2.00 MF$ 0.50

BENDIX CORP., SOUTHFIELD, MICH. RESEARCH LABS. DIV.
DESIGN, FABRICATION AND TEST OF A FLUERIC SERVOVALVE QUARTERLY REPORT, 28 DEC. 1965 - 28 MAR. 1966.
N66-33498 13K S04 19 HC$ 2.00 MF$ 0.50

BENDIX CORP., TETERBORO, N. J. ECLIPSE-PIONEER DIV.
STUDY TO DEVELOP THE EQUATIONS DESCRIBING THE CHARACTERISTICS OF RATE AND ATTITUDE SENSORS ASSOCIATED WITH SPACECRAFT CONTROL SYSTEMS.
N66-33492 17G S04 19 HC$ 3.25 MF$ 1.25

BIOSYSTEMS, INC., CAMBRIDGE, MASS.
VISUAL AND CONTROL ASPECTS OF SACCADIC EYE MOVEMENTS.
N66-37775 6P S04 23 HC$ 3.00 MF$ 1.00

BIOLOGICAL CONTROL SYSTEMS - A CRITICAL REVIEW AND EVALUATION.
N66-37776 6P S04 23 HC$ 4.25 MF$ 2.00

BOEING CO., SEATTLE, WASH.
THERMAL CONDUCTIVITY OF G-FELT INSULATION AT ELEVATED TEMPERATURES.
AD-455 328 11G U41 24 HC$ 10.60

INFLIGHT AND GROUND-BASED SIMULATION OF HANDLING QUALITIES OF VERY LARGE AIRPLANES IN LANDING APPROACH.
N66-38885 1B S04 23 HC$ 2.50 MF$ 0.75

BOEING CO., SEATTLE, WASH. AEROSPACE GROUP.
STATE-OF-THE-ART SURVEY OF DISSIMILAR METAL JOINING BY SOLID STATE WELDING.
N66-32787 13H S04 19 HC$ 2.00 MF$ 0.50

BOEING CO., SEATTLE, WASH. SPACE DIV.
THE LUNAR ORBITER.
N66-33497 22B S04 19 HC$ 2.00 MF$ 0.50

BOLT, BERANEK AND NEWMAN, INC., CAMBRIDGE, MASS.
SEMANTIC MEMORY.
AD-641 671 6D T66 24 HC$ 6.00 MF$ 1.25

BOLT, BERANEK, AND NEWMAN, INC., LOS ANGELES, CALIF.
A REVIEW OF FLIGHT AND WIND TUNNEL MEASUREMENTS OF BOUNDARY LAYER PRESSURE FLUCTUATIONS AND INDUCED STRUCTURAL RESPONSE.
N66-38424 1A S04 23 HC$ 2.50 MF$ 0.75

BOMAC DIV., VARIAN ASSOCIATES, BEVERLY, MASS.
PRODUCTION ENGINEERING MEASURE FOR LOW FIELD MAGNETRON BL-234C.
AD-641 409 9A T66 24 HC$ 2.00 MF$ 0.50

BOOZ, ALLEN APPLIED RESEARCH, INC., BETHESDA, MD.
ANALYSIS OF THE FUNCTIONS OF TRANSPORTATION A CONCEPTUAL FRAMEWORK.
PB-173 419 15E U41 24 HC$ 8.60 MF$ 2.25

BOSTON UNIV., MASS.
A NEW METHOD TO MEASURE ELECTRON COLLISION FREQUENCIES IN THE IONOSPHERE BY MEANS OF THE FARADAY ROTATION PROCESS.
AD-641 897 20N T66 24 HC$ 2.00 MF$ 0.50

BRANDEIS UNIV., WALTHAM, MASS. DEPT. OF MATHEMATICS.
FINAL TECHNICAL REPORT, JULY 1, 1965 TO JUNE 30, 1966.
AD-641 853 12A T66 24 HC$ 1.00 MF$ 0.50

BRANDEIS UNIV., WALTHAM, MASS. GRADUATE DEPT. OF BIOCHEMISTRY.
STRUCTURAL AND FUNCTIONAL PROPERTIES OF THE H AND M SUBUNITS OF LACTIC DEHYDROGENASES.
N66-33173 6A S04 19 HC$ 2.00 MF$ 0.50

EVOLUTION OF DEHYDROGENASES.
N66-33382 6A S04 19 HC$ 3.00 MF$ 0.75

BRIGHT STAR INDUSTRIES, CLIFTON, N. J.
ORGANIC DEPOLARIZED CELLS UTILIZING META-DINITROBENZENE.
AD-641 852 10C T66 24 HC$ 3.00 MF$ 0.75

BRITISH COLUMBIA UNIV., VANCOUVER.
DOMAIN PERTURBATIONS OF THE BIHARMONIC OPERATOR.
AD-641 528 12A T66 24

COMPARISON THEOREMS FOR ELLIPTIC DIFFERENTIAL EQUATIONS.
AD-641 529 12A T66 24

BROOKE GENERAL HOSPITAL, FORT SAM HOUSTON, TEX.
CHROMOSOMAL DAMAGE IN HUMANS PRODUCED BY X-IRRADIATION.
AD-641 905 6R T66 24 HC$ 1.00 MF$ 0.50

BROWN ENGINEERING CO., INC., HUNTSVILLE, ALA. RESEARCH LABS.
EXPERIMENTAL TRANSIENT THREE-DIMENSIONAL HEAT TRANSFER

ANALYSIS,
N66-32715 20H S04 19 HC$ 2.50 MF$ 0.75

EFFECTIVE MOMENT OF INERTIA AND VELOCITY RATIO FOR LIQUID-FILLED CYLINDRICAL TANKS OSCILLATING ABOUT THE LONGITUDINAL AXIS.
N66-33433 21I S04 19 HC$ 2.00 MF$ 0.50

BROWN UNIV., PROVIDENCE, R. I.
MATERIALS SCIENCES PROGRAM,
AD-641 405 5A T66 24 HC$ 5.00 MF$ 1.00

LOCAL DEFINITION OF GENERALIZED CONTROL SYSTEMS,
AD-641 869 12B T66 24

BROWN UNIV., PROVIDENCE, R. I. CENTER FOR DYNAMICAL SYSTEMS.
ASYMPTOTIC STABILITY OF SAMPLED NONLINEAR SYSTEMS WITH VARIABLE SAMPLING PERIODS -- A BIONIC APPLICATION DISCUSSION,
N66-33438 12A S04 19 HC$ 1.00 MF$ 0.50

BROWN UNIV., PROVIDENCE, R. I. DIV. OF APPLIED MATHEMATICS.
LIAPUNOV CRITERIA FOR WEAK STOCHASTIC STABILITY,
AD-641 862 12A T66 24

A NOTE ON THE MAXIMUM SAMPLE EXCURSIONS OF STOCHASTIC APPROXIMATION PROCESSES,
AD-641 864 12A T66 24

ON STABILITY IN CONTROL SYSTEMS,
AD-641 868 9E T66 24

BROWN UNIV., PROVIDENCE, R. I. DIV. OF ENGINEERING.
PHOTOVOLTAIC EFFECT AND UTILIZATION OF PHOTOVOLTAIC CELLS - EFFECT OF SUB-THRESHOLD ELECTRON RADIATION ON SURFACE PROPERTIES OF GE P-V CELLS SECOND SEMIANNUAL REPORT, 1 NOV, 1965 - 31 MAY 1966,
N66-33388 18A S04 19 HC$ 2.00 MF$ 0.50

BUCKNELL UNIV., LEWISBURG, PA.
FEAR OF FAILURE AND COGNITIVE CONTROLS,
AD-641 891 9J T66 24 HC$ 2.00 MF$ 0.50

BUENOS AIRES UNIV. (ARGENTINA). INSTITUTO DE ANATOMIA GENERAL Y EMBRIOLOGIA.
IONIC MECHANISM ASSOCIATED WITH NONCHOLINERGIC SYNAPTIC INHIBITION IN MOLLUSCAN NEURONS,
AD-641 885 6P T66 24

BUNDESMINISTERIUM FUR VERKEHR, BONN (WEST GERMANY).
STATUS AND SPECIAL PROBLEMS OF THE GERMAN CIVIL AVIATION, SPECIAL PROBLEMS OF THE INTERNATIONAL ECONOMIC COOPERATION IN THE AVIATION FIELD IN PARTICULAR RESPECT TO DEVELOPING NATIONS,
N66-34037 5C S04 19 HC$ 2.00 MF$ 0.50

BUREAU OF NAVAL PERSONNEL REPRESENTATIVE, POMONA, CALIF. METROLOGY ENGINEERING CENTER.
RF SIGNAL GENERATOR SET, AN/URM-25D (SG-65/URM-25D); AN/URM-25E (SG-111/URM-25E).
PB-173 500 9C U41 24 HC$ 1.00 MF$ 0.50

KLYSTRON POWER SUPPLY 715A, M12-715A, PP-2854/U (HEWLETT-PACKARD).
PB-173 501 9C U41 24 HC$ 1.00 MF$ 0.50

AUDIO OSCILLATOR, LAJ-4,
PB-173 502 9C U41 24 HC$ 1.00 MF$ 0.50

VOLTAGE STANDING WAVE RATIO 3/8 IN. COAXIAL INSTRUMENTS WITH TYPE N CONNECTORS FREQUENCY RANGE 0.02 TO 10.0 GHZ VSWR RANGE, 1.04 TO 10.0,
PB-173 503 9C U41 24 HC$ 1.00 MF$ 0.50

BUREAU OF NAVAL WEAPONS REPRESENTATIVE, POMONA, CALIF. METROLOGY ENGINEERING CENTER.
OSCILLOSCOPE PREAMPLIFIER MX-2721, MX-2930A, MX-2930B, 162A, 162B, 162C, MO1-162A, MO2-162A, MO2-162B (HEWLETT-PACKARD) 1804A-2 (HICKOK).
PB-173 339 14B U41 24 HC$ 2.00 MF$ 0.50

OSCILLOSCOPE 130A OR 130B (HEWLETT-PACKARD).
PB-173 449 14B U41 24 HC$ 1.00 MF$ 0.50

RF SIGNAL GENERATOR SETS, AN/URM-25, AN/URM-25A, AN/URM-25B,
PB-173 450 9C U41 24 HC$ 1.00 MF$ 0.50

AIRCRAFT WEIGHING SCALES MODEL NWP-1 GILMORE INDUSTRIES,
PB-173 480 14B U41 24 HC$ 2.00 MF$ 0.50

RADIO FREQUENCY POWER TEST SET AN/USM-96.
PB-173 485 14B U41 24 HC$ 1.00 MF$ 0.50

COAXIAL THERMISTOR MOUNTS WITH TYPE N CONNECTORS,
PB-173 517 14B U41 24 HC$ 3.00 MF$ 0.65

BUREAU OF RECLAMATION, DENVER, COLO. CONCRETE AND STRUCTURAL BRANCH,
STRUCTURAL MODEL STUDY OF AN ELLIPTICALLY SHAPED ARCH, DOUBLE-CURVATURE, CONCRETE DAM,
PB-173 481 13M U41 24 HC$ 3.00 MF$ 0.50

BUREAU OF RECLAMATION, DENVER, COLO. OFFICE OF CHIEF ENGINEER.
ANNOTATED BIBLIOGRAPHY OF BRATSK AND KRASNOIARSK HYDROELECTRIC PROJECTS IN CENTRAL SIBERIA, USSR.
AD-641 304 15B T66 24 MF$ 0.75

BUREAU OF RECLAMATION, DENVER, COLO. SOILS ENGINEERING BRANCH.
ELECTRICAL POTENTIAL FROM WATERFLOW IN SOIL SPECIMENS--LOWER COST CANAL LINING PROGRAM.
PB-173 435 8H U41 24 HC$ 2.00 MF$ 0.50

SOIL MOISTURE CHANGES BENEATH A CANAL--LOWER COST CANAL LINING PROGRAM,
PB-173 448 8H U41 24 HC$ 3.00 MF$ 0.75

BURGESS BATTERY CO., FREEPORT, ILL.
DEVELOPMENT OF MAGNESIUM WAFER CELLS,
AD-641 660 10C T66 24 HC$ 2.00 MF$ 0.50

CALIFORNIA INST. OF TECH., PASADENA.
DEUTERON ELASTIC SCATTERING FROM HE3 AND H3,
AD-641 998 20H T66 24

MASSES AND EXCITATION ENERGIES OF SOME PROTON-RICH NUCLEI,
AD-642 088 20H T66 24

ACCELERATION OF ELECTRONS NEAR THE EARTH S BOW SHOCK,
N66-33413 20H S04 19 HC$ 1.00 MF$ 0.50

THE INFLUENCE OF THE BOUNDARY CONDITIONS ON THE BUCKLING LOAD OF CYLINDRICAL SHELLS UNDER AXIAL COMPRESSION,
N66-33469 20K S04 19 HC$ 2.00 MF$ 0.50

CALIFORNIA INST. OF TECH., PASADENA. DIV. OF ENGINEERING AND APPLIED SCIENCE.
A STABILITY ANALYSIS OF SUPERPOSED FLUIDS,
AD-641 439 20D T66 24 HC$ 2.00 MF$ 0.50

TRANSFER OF LOAD FROM AN EDGE-STIFFENER TO A SHEET- A RECONSIDERATION OF MELAN S PROBLEM,
AD-641 497 20K T66 24 HC$ 2.00 MF$ 0.50

ON THE UNIQUENESS OF THE SOLUTION TO ELASTOSTATIC BOUNDARY-VALUE PROBLEMS FOR THE HALF-SPACE,
AD-641 651 12A T66 24 HC$ 1.00 MF$ 0.50

CALIFORNIA UNIV., BERKELEY.
ON THE CAPACITY OF COMPOSITE CONDUCTORS,
AD-641 739 20L T66 24

CALIFORNIA UNIV., BERKELEY. DEPT. OF ELECTRICAL ENGINEERING.
OPTIMAL CONTROL OF APERIODIC DISCRETE-TIME SYSTEMS.
AD-641 493 12B T66 24

COMPARISON OF SEQUENTIAL AND NONSEQUENTIAL DETECTION SYSTEMS WITH UNCERTAINTY FEEDBACK,
AD-641 686 9D T66 24

MONOCHROMATIC ILLUMINATION OF CADMIUM-SULFIDE OSCILLATOR,
AD-641 711 9E T66 24

CALIFORNIA UNIV., BERKELEY. DEPT. OF MATHEMATICS.
NETS OF THRESHOLD ELEMENTS,
AD-641 541 9B T66 24

LOWER BOUNDS FOR SOLUTIONS OF DIFFERENTIAL INEQUALITIES IN HILBERT SPACE,
AD-641 736 12A T66 24

WAVE OPERATORS AND SIMILARITY FOR SOME NON-SELFADJOINT OPERATOR,
AD-641 737 12A T66 24

ON THE SPECTRUM OF GENERAL SECOND ORDER OPERATORS,
AD-641 738 12A T66 24

CALIFORNIA UNIV., BERKELEY. DEPT. OF MOLECULAR BIOLOGY.
ULTRACENTRIFUGE STUDIES WITH ABSORPTION OPTICS. IV. MOLECULAR WEIGHT DETERMINATIONS AT THE MICROGRAM LEVEL,
AD-641 831 6A T66 24

CALIFORNIA UNIV., BERKELEY. DEPT. OF PHYSICS.
MODEL OF WEAK INTERACTIONS WITH CP VIOLATION,
AD-641 451 20J T66 24

ENERGY SPECTRUM FOR AURORAL-ZONE X RAYS. I. DIURNAL AND TYPE EFFECTS,
AD-641 458 4A T66 24

SPATIAL AND TEMPORAL CHARACTER OF FAST VARIATIONS IN AURORAL ZONE X RAYS,
AD-641 459 4A T66 24

ON THE CURVES IN THE GRENINGER AND LEONHARDT NETS,
AD-641 483 20B T66 24

DYNAMICS OF THE Y1* BRANCHING RATIO,
AD-641 691 20H T66 24

CALIFORNIA UNIV., BERKELEY. ELECTRONICS RESEARCH LAB.
A NOTE ON AIZERMAN S CONJECTURE,
AD-641 685 12B T66 24

A STABILITY INEQUALITY FOR A CLASS OF NONLINEAR FEEDBACK SYSTEMS,
AD-641 689 12B T66 24

LIMITING STABLE CURRENTS IN BOUNDED ELECTRON AND ION STREAMS,
AD-641 709 9C T66 24

STABILITY OF LINEAR TIME-VARYING NETWORKS--THE STATE SPACE APPROACH,
AD-641 713 9E T66 24

ON THE BOUND TO THE MEMORY OF A SEQUENTIAL MACHINE,
AD-641 808 9B T66 24

ON THE ERROR CORRECTING CAPACITY OF FINITE AUTOMATA,
AD-641 889 9B T66 24

ON ASYMPTOTIC ESTIMATES IN SWITCHING AND AUTOMATA THEORY,
AD-641 810 9B T66 24

CALIFORNIA UNIV., BERKELEY. HYDRAULIC ENGINEERING LAB.
PHOTOGRAMMETRIC DEFINITION OF A WAVE SURFACE,
AD-641 396 20D T66 24 MC$ 3.00 MF$ 0.50

CALIFORNIA UNIV., BERKELEY. INST. OF HUMAN LEARNING.
SECOND CALIFORNIA CONFERENCE ON VERBAL LEARNING AND VERBAL BEHAVIOR,
AD-641 437 5J T66 24

CALIFORNIA UNIV., BERKELEY. SPACE SCIENCES LAB.
MOVIE OF THE INTERPLANETARY MAGNETIC FIELD,
AD-641 972 3B T66 24 MC$ 1.00 MF$ 0.50

PRESENT STATUS OF THE AMINO ACID CODE,
N66-33376 6A S04 19 MC$ 1.00 MF$ 0.50

THE BLUE HAZE OF MARS,
N66-33414 3B S04 19 MC$ 1.00 MF$ 0.50

ON LARGE MODELS OF SYSTEMS,
N66-34069 9K S04 19 MC$ 1.00 MF$ 0.50

SOME COMMENTS ON THE THE COMPOSITION OF THE MARTIAN SURFACE BY R. A. VAN TASSEL AND J. W. SALISBURY,
N66-37812 3B S04 23 MC$ 1.00 MF$ 0.50

CALIFORNIA UNIV., DAVIS.
INVESTIGATION OF ENERGY AND MASS TRANSFERS NEAR THE GROUND INCLUDING THE INFLUENCES OF THE SOIL-PLANT-ATMOSPHERE SYSTEM,
AD-260 695 2C U41 24 MC$ 17.10

CALIFORNIA UNIV., DAVIS. DEPT. OF MATHEMATICS.
SOME INEQUALITIES FOR THE FUNDAMENTAL FREQUENCY OF A NONHOMOGENEOUS MEMBRANE,
AD-641 707 12A T66 24

CALIFORNIA UNIV., LOS ANGELES.
PHOTOELECTRIC SPECTROPHOTOMETRY OF ETA CARINAE,
AD-641 443 3A T66 24

SPECTRAL ANALYSIS TECHNIQUES AND PATTERN RECOGNITION METHODS FOR ELECTROENCEPHALOGRAPHIC DATA,
N66-33387 6B S04 19 MC$ 2.00 MF$ 0.50

AN INVESTIGATION OF CERAMICS AS STRUCTURAL MATERIALS,
N66-38752 20K S04 23 MC$ 1.00 MF$ 0.50

CALIFORNIA UNIV., LOS ANGELES. BRAIN RESEARCH INST.
INTRA-ARTERIAL BLOOD PRESSURE RECORDING IN THE UNRESTRAINED CHICK DURING WAKEFULNESS AND SLEEP,
AD-641 373 6P T66 24

COMPREHENSIVE SPECTRAL ANALYSIS OF HUMAN EEG GENERATORS IN POSTERIOR CEREBRAL REGIONS,
AD-641 374 6P T66 24

A NEUROPHYSIOLOGICAL COMPARISON OF ALPHA-CHLORALOSE WITH GAMMA-HYDROXYBUTYRATE IN CATS,
AD-641 379 6O T66 24

VARIOUS SEIZURE ACTIVITIES FOLLOWING GAMMA-HYDROXYBUTYRATE,
AD-641 381 6O T66 24

CALIFORNIA UNIV., LOS ANGELES. DEPT. OF ASTRONOMY.
SPECTROPHOTOMETRIC STUDIES OF GASEOUS NEBULAE, V. MEASUREMENT OF LINE INTENSITIES IN PLANETARY NEBULAE WITH AN ELECTRONIC CAMERA,
AD-641 447 3A T66 24

STUDIES OF THE SOLAR SYSTEM AND PROBABLE LUNAR ABUNDANCES OF ELEMENTS OF GEOCHEMICAL AND METALLURGICAL SIGNIFICANCE STATUS REPORT,
N66-38709 3B S04 23 MC$ 2.00 MF$ 0.50

CALIFORNIA UNIV., LOS ANGELES. DEPT. OF CHEMISTRY.
MODELS FOR ASYMMETRIC INDUCTION IN POLYMERIZATION,
AD-641 797 7C T66 24 MC$ 1.00 MF$ 0.50

CALIFORNIA UNIV., LOS ANGELES. DEPT. OF ENGINEERING.
SIMULATION ANALYSIS OF THE MARINE PORT-COMPLEX,
AD-641 788 15E T66 24 MC$ 3.00 MF$ 0.75

CALIFORNIA UNIV., LOS ANGELES. DEPT. OF MATHEMATICS.
OPTIMUM DESIGNS FOR POLYNOMIAL EXTRAPOLATION,
AD-641 679 12A T66 24

CALIFORNIA UNIV., LOS ANGELES. INST. OF GEOPHYSICS AND PLANETARY PHYSICS.
THE EFFECT OF INITIAL STRESS OR RESIDUAL STRESS ON ELASTIC ENERGY CALCULATIONS,
AD-641 859 8K T66 24

CALIFORNIA UNIV., LOS ANGELES. INST. OF TRANSPORTATION AND TRAFFIC ENGINEERING.
EXPLORATORY WORK ON THE PROBLEM OF REDUCED VISIBILITY,
PB-173 412 13L U41 24 MC$ 1.00 MF$ 0.50

CALIFORNIA UNIV., LOS ANGELES. SCHOOL OF MEDICINE.
MEASUREMENT OF OXYGEN TENSION AND SATURATION IN THE DIAGNOSIS OF RENAL ISCHEMIC HYPERTENSION,
AD-641 375 6E T66 24

URINARY LACTIC ACID DEHYDROGENASE ACTIVITY IN THE DIAGNOSIS OF UROLOGIC NEOPLASMS,
AD-641 376 6E T66 24

SIGNIFICANCE OF ANTIBACTERIAL LEVELS IN THE RENAL LYMPH DURING TREATMENT FOR PYELONEPHRITIS,
AD-641 377 6E T66 24

THE ROLE OF ARTERIAL PULSATION IN EXPERIMENTAL HYDRONEPHROSIS,
AD-641 378 6E T66 24

TRANSPORT OF RENIN ANGIOTENSIN BY RENAL LYMPHATICS,
AD-641 380 6E T66 24

CALIFORNIA UNIV., LOS ANGELES. SPACE BIOLOGY LAB.
RECORDING LEAF MOVEMENTS WITH A STRAIN GAUGE,
N66-33417 6C S04 19 MC$ 1.00 MF$ 0.50

CALIFORNIA UNIV., RIVERSIDE.
ESTIMATION OF NON-UNIQUE QUANTILES,
AD-641 534 12A T66 24

U (EPSILON)-SETS FOR WALSH SERIES,
AD-641 860 12A T66 24

CALIFORNIA UNIV., RIVERSIDE. DEPT. OF PHYSICS.
SPIN WAVES IN AN INTERACTING ELECTRON GAS,
AD-641 631 20C T66 24

DIELECTRIC CONSTANT OF A SEMICONDUCTOR IN AN EXTERNAL ELECTRIC FIELD,
AD-641 634 20L T66 24

SUPERCONDUCTING STATE OF AN ELECTRON GAS IN A HOMOGENEOUS MAGNETIC FIELD,
AD-641 635 20C T66 24

SOLID STATE SCATTERING THEORY,
AD-641 636 20L T66 24

ENERGY DEPENDENCE OF THE OPTICAL POTENTIAL FOR ELECTRONS,
AD-641 637 20C T66 24

CALIFORNIA UNIV., SAN DIEGO, LA JOLLA.
SUPERCONDUCTIVITY OF BARIUM TUNGSTEN BRONZE,
AD-641 789 20C T66 24

THE OCCURRENCE OF SUPERCONDUCTIVITY IN SULFIDES, SELENIDES, TELLURIDES OF PT-GROUP METALS,
AD-641 793 20C T66 24

ELECTRON DENSITY AND ELECTRONIC PROPERTIES IN NOBLE-METAL TRANSITION ELEMENTS,
AD-641 796 20C T66 24

ORDER-DISORDER TRANSFORMATIONS AT 2 1 COMPOSITION IN THE CADMIUM-MERCURY SYSTEM,
AD-641 798 20B T66 24

SUPERCONDUCTING TRANSITION TEMPERATURES OF MERCURY-ALKALINE EARTH METAL COMPOUNDS,
AD-641 799 20C T66 24

SUPERCONDUCTIVITY OF BETA-URANIUM,
AD-641 801 20C T66 24

SUPERCONDUCTIVITY IN THE ALLOY SYSTEM CADMIUM-MERCURY AND THE EFFECT OF ORDERING UPON SUPERCONDUCTIVITY,
AD-641 802 20C T66 24

PRESSURE DEPENDENCE OF THE SUPERCONDUCTING TRANSITION TEMPERATURE OF URANIUM,
AD-641 803 20C T66 24

PRESSURE DEPENDENCE OF THE SUPERCONDUCTING TRANSITION TEMPERATURE OF VANADIUM AND NIOBIUM,
AD-641 812 20C T66 24

CALIFORNIA UNIV., SAN DIEGO, LA JOLLA. DEPT. OF PHYSICS.
HEISENBERG MODEL WITH LONG RANGE INTERACTION,
AD-641 773 20C T66 24

PHASE TRANSITION OF A TWO-DIMENSIONAL CONTINUUM-ISING MODEL,
AD-641 774 20C T66 24

EFFECT OF THE SUHL-ABRIKOSOV RESONANCE ON THE TRANSITION TEMPERATURE OF SUPERCONDUCTORS,
AD-641 775 20C T66 24

STRONG-COUPLING LIMIT IN DILUTE ALLOYS,
AD-641 776 20C T66 24

GROUND STATE OF CORRELATED ELECTRONS IN A NARROW ALMOST HALF FILLED S BAND,
AD-641 777 20C T66 24

DEPAIRING EFFECTS IN ROTATING SUPERCONDUCTORS,
AD-641 778 20C T66 24

INEQUALITY WITH APPLICATIONS IN STATISTICAL MECHANICS,
AD-641 779 12A T66 24

ENTROPY TRANSPORT BETWEEN TWO SUPERCONDUCTORS BY ELECTRON TUNNELING,
AD-641 781 20C T66 24

ENERGY GAP IN SPHERICAL NUCLEI,
AD-641 782 20C T66 24

EXACT SOLUTION OF THE ONE-PARTICLE MODEL OF EXCHANGE SCATTERING IN SOLIDS,

AD-641 783 20C T66 24

CALIFORNIA UNIV., SAN DIEGO.
THEORETICAL IDEAS CONCERNING X-RAY SOURCES.
N66-38730 20H S04 23 HC$ 1.00 MF$ 0.50

CALIFORNIA UNIV., SANTA BARBARA. DEPT. OF CHEMISTRY.
EFFECTS OF HIGH PRESSURES ON THE ABSORPTION SPECTRUM OF AZOBENZENE.
AD-641 575 7C T66 24 HC$ 1.00 MF$ 0.50

CALIFORNIA UNIV., SANTA BARBARA. DEPT. OF MATHEMATICS.
A SUBDETERMINANT INEQUALITY.
AD-641 554 12A T66 24

CAMBRIDGE SYSTEMS, INC., NEWTON, MASS.
DESIGN, DEVELOPMENT AND TESTING OF AN ACOUSTIC ANEMOMETER.
AD-641 574 4B T66 24 HC$ 3.00 MF$ 0.75

CANADA. DEPT. OF TRANSPORT, TORONTO. METEOROLOGICAL BRANCH.
THE IDENTIFICATION AND MOVEMENT OF MESO-SCALE THUNDERSTORM SYSTEMS.
N66-33119 4B S04 19 HC$ 2.00 MF$ 0.50

VERIFICATION OF OBJECTIVE FORECASTS AT THE CENTRAL ANALYSIS OFFICE OF THE METEOROLOGICAL SERVICE OF CANADA.
N66-33205 4B S04 19 HC$ 2.00 MF$ 0.50

CARMODY CORP., BUFFALO, N. Y.
BASIC DEVELOPMENT ACCOMPLISHED ON WIDE-ANGLE, NONPROGRAMMED, VISUAL PRESENTATIONS. VOLUME I.
AD-227 192 9E U41 24 HC$ 14.60

CARNAGIE INST. OF TECH., PITTSBURGH, PA. MANAGEMENT SCIENCES RESEARCH GROUP.
AUDIT RECOMMENDATIONS AND MANAGEMENT AUDITING A CASE STUDY AND SOME REMARKS.
AD-641 438 5A T66 24 HC$ 2.00 MF$ 0.50

CARNEGIE INST. OF TECH., PITTSBURGH, PA.
TRANSFORMATION KINETICS, MICROPLASTICITY AND AGING OF MARTENSITE IN FE-31 NI.
AD-641 428 11F T66 24 HC$ 7.00 MF$ 1.50

CARNEGIE INST. OF TECH., PITTSBURGH, PA. DEPT. OF METALLURGY AND MATERIALS SCIENCE.
THE FRACTURE TOUGHNESS OF IMPURE MGO CRYSTALS.
AD-641 657 11B T66 24 HC$ 2.00 MF$ 0.50

CARNEGIE INST. OF TECH., PITTSBURGH, PA. GRADUATE SCHOOL OF INDUSTRIAL ADMINISTRATION.
AN ALGORITHM FOR CLASSIFYING ERGODIC MATRICES.
AD-641 322 12A T66 24 HC$ 1.00 MF$ 0.50

CASE INST. OF TECH., CLEVELAND, OHIO.
ON SOLUTION STRUCTURE OF THE RADIAL HEAT PROBLEM WITH SINGULAR DATA.
N66-34073 20H S04 19 HC$ 1.00 MF$ 0.50

CASE INST. OF TECH., CLEVELAND, OHIO. DEPT. OF PHYSICS.
CYCLOTRON RESONANCE IN ZINC.
AD-641 621 20L T66 24

CASE INST. OF TECH., CLEVELAND, OHIO. ENGINEERING DESIGN CENTER.
A STUDY OF MAN S PHYSICAL CAPABILITIES ON THE MOON, VOLUME IV - INVESTIGATION OF LUNAR GRAVITY SIMULATION TECHNIQUES.
N66-38799 6B S04 23 HC$ 2.50 MF$ 0.50

CATHOLIC UNIV. OF AMERICA, WASHINGTON, D. C.
APPLICATION OF THE MODIFIED BLOCH EQUATION TO THE LOW-TEMPERATURE BEHAVIOR OF THE HEISENBERG FERROMAGNET.
AD-641 683 20C T66 24

EXCHANGE MAGNETIC MOMENT IN THREE-BODY NUCLEI (II).
AD-641 767 20H T66 24

EXCHANGE MAGNETIC MOMENT IN THREE-BODY NUCLEI (I).
AD-641 768 20H T66 24

CATHOLIC UNIV. OF AMERICA, WASHINGTON, D. C. DEPT. OF MATHEMATICS.
CHARACTERIZATION PROBLEMS FOR DISCRETE DISTRIBUTIONS.
AD-641 690 12A T66 24

CELESTIAL RESEARCH CORP., SOUTH PASADENA, CALIF.
EXPERIMENTAL INVESTIGATIONS OF SOLID NITROGEN FORMED BY CRYOPUMPING.
N66-33982 20H S04 19 HC$ 2.00 MF$ 0.50

CENTER FOR NAVAL ANALYSES, WASHINGTON, D. C. SYSTEMS EVALUATION GROUP.
MORE ON MEASURES OF MARKET STRUCTURE.
AD-641 822 5C T66 24 HC$ 2.00 MF$ 0.50

CHEMICAL LAB, RVO-TNO, RIJSWIJK (NETHERLANDS).
VAPOUR CONCENTRATIONS AND DOSES DOWNWIND FROM A TERRAIN, CONTAMINATED WITH A PERSISTENT AGENT.
N66-38347 13B S04 23 HC$ 1.00 MF$ 0.50

CHICAGO UNIV., ILL.
THE PHYSICAL CHARACTERISTICS AND DISTRIBUTION IN SPACE OF GALAXIES THE CHARACTERISTICS OF THE SUPERGIANT D GALAXIES .
AD-641 608 3B T66 24 HC$ 1.00 MF$ 0.50

CHICAGO UNIV., ILL. DEPT. OF MATHEMATICS.
AN ELEMENTARY THEORY OF THE CATEGORY OF SETS.
AD-641 629 12A T66 24

CHICAGO UNIV., ILL. ENRICO FERMI INSTITUTE FOR NUCLEAR STUDIES.
CHEMICAL ANALYSIS OF SURFACES USING ALPHA PARTICLES.
N66-33168 7E S04 19 HC$ 3.00 MF$ 0.75

CHILE UNIV., SANTIAGO. CATEDRA DE FISIOPATOLOGIA.
THE ELECTROCORTICOGRAM IN THE CHRONIC CERVEAU ISOLE CAT.
AD-641 472 6P T66 24

MANIFESTACIONES OCULARES EN GATOS MESENCEFALICOS PRECOLICULARES CRONICOS (OCULAR BEHAVIOR IN CHRONIC HIGH MESENCEPHALIC CATS).
AD-641 475 6P T66 24

CHILE UNIV., SNTIAGO. CATEDRA DE FISIOPATOLOGIA.
OCULAR BEHAVIOR INCHRONIC HIGH MESENCEPHALIC CATS.
AD-641 474 6P T66 24

CITY COLL. OF THE CITY OF NEW YORK.
INFRARED ABSORPTION OF UNIAXIALLY STRESSED GERMANIUM.
AD-641 522 20L T66 24

POLARIZATION DEPENDENCE OF THE INDIRECT PIEZOABSORPTION COEFFICIENT IN GE AND SI.
AD-641 523 20L T66 24

CIVIL AEROMEDICAL INST., OKLAHOMA CITY, OKLA.
PROBLEMS IN DEPTH PERCEPTION PERCEIVED SIZE AND DISTANCE OF FAMILIAR OBJECTS.
AD-641 477 5J T66 24 HC$ 1.00 MF$ 0.50

CLOTHING AND ORGANIC MATERIALS DIV., ARMY NATICK LABS., MASS.
POINT SYSTEM FOR EVALUATING QUALITY IN TEXTILES.
AD-641 496 11E T66 24 HC$ 4.00 MF$ 0.75

COATING AND CHEMICAL LAB., ABERDEEN PROVING GROUND, MD.
A STUDY ON ELECTRODEPOSITION OF ORGANIC COATINGS FOR POSSIBLE MILITARY USAGE.
AD-641 314 11C T66 24 HC$ 2.00 MF$ 0.50

COLD REGIONS RESEARCH AND ENGINEERING LAB., HANOVER, N. H.
REEVALUATION OF THE RAMMSONDE HARDNESS EQUATION.
AD-641 482 8L T66 24 HC$ 1.00 MF$ 0.50

COLLEGE OF WILLIAM AND MARY, WILLIAMSBURG, VA. DEPT. OF PHYSICS.
INTERMEDIATE ENERGY PHYSICS, VOLUME I.
N66-32726 20H S04 19 HC$ 9.65 MF$ 2.50

INTERMEDIATE ENERGY PHYSICS, VOLUME II.
N66-32766 20H S04 19 HC$ 4.25 MF$ 2.00

COLORADO STATE UNIV., FORT COLLINS. DEPT. OF MATHEMATICS AND STATISTICS.
DETERMINANTAL REPRESENTATIONS OF RECURSION RELATIONS FOR CERTAIN ORTHOGONAL POLYNOMIALS.
AD-641 457 12A T66 24

COLORADO UNIV., BOULDER.
PERSONALITY DIFFERENCES IN DISSONANCE RESOLUTION.
AD-641 511 5J T66 24 HC$ 1.00 MF$ 0.50

COLORADO UNIV., BOULDER. ENGINEERING EXPERIMENT STATION.
SEPARATION OF ISOTOPES BY ELECTROLYSIS.
AD-43 734 18B U41 24 HC$ 1.60

COLUMBIA RADIATION LAB., NEW YORK.
RESEARCH INVESTIGATION DIRECTED TOWARD EXTENDING THE USEFUL RANGE OF THE ELECTROMAGNETIC SPECTRUM.
AD-457 119 20E U41 24 HC$ 7.60

COLUMBIA UNIV., NEW YORK.
COMPUTER SIMULATION OF VACANCY MIGRATION.
AD-641 384 20B T66 24

COLUMBIA UNIV., NEW YORK, COLL. OF PHYSICIANS AND SURGEONS.
THE FINE STRUCTURE OF THE SUPRAMEDULLARY NEURONS OF THE PUFFER WITH SPECIAL REFERENCE TO ENDOCELLULAR AND PERICELLULAR CAPILLARIES.
AD-641 735 6C T66 24

COLUMBIA UNIV., NEW YORK, DEPT. OF MECHANICAL ENGINEERING.
DISLOCATION KINK IN A CRYSTAL MODEL.
AD-641 383 20B T66 24

COLUMBIA UNIV., NEW YORK, DEPT. OF NEUROLOGY.
CLASSICAL CONDITIONING OF ELECTRIC ORGAN DISCHARGE RATE IN MORMYRIDS.
AD-641 728 6C T66 24

COMMISSARIAT A L ENERGIE ATOMIQUE, SACLAY (FRANCE).
RESULTS AND INTERPRETATION OF SPECIAL INDICES MEASUREMENTS MADE WITH AQUILON.
N66-38120 18J S04 23 HC$ 3.00 MF$ 0.50

COMMISSARIAT A L ENERGIE ATOMIQUE, FONTENAY-AUX-ROSES (FRANCE). CENTRE D ETUDES NUCLEAIRES.
RESULTATS D IRRADIATION D ELEMENTS COMBUSTIBLES EN OXYDE MIXTE UO2 - PUO2 (RESULTS OF THE IRRADIATION OF MIXED UO2 - PUO2 OXIDE FUEL ELEMENTS).
PB-173 385 18J U41 24 HC$ 3.00 MF$ 0.75

GENERATION D HARMONIQUES DE LA DEMI-FREQUENCE GIROMAGNETIQUE ELECTRONIQUE DANS UN SYSTEME DOUBLE-FAISCEAU (THE GENERATION OF HARMONICS OF THE ELECTRON CYCLOTRON HALF-FREQUENCY IN A DOUBLE-BEAM INTERACTION EXPERIMENT).
PB-173 386 20I U41 24 HC$ 4.00 MF$ 0.75

COMMISSARIAT A L ENERGIE ATOMIQUE, FONTENAY-AUX-ROSES (FRANCE). CENTRE D ETUDES NUCLEAIRES.
CINETIQUE DES REACTIONS D OXYDO-REDUCTION DES ELEMENTS

TRANSURANIENS EN SOLUTION (KINETICS OF TRANSURANIUM ELEMENT OXIDATION-REDUCTION REACTIONS IN SOLUTION).
PB-173 387 7E U41 24 MCS 3.00 MFS 0.75

COMMISSARIAT A L ENERGIE ATOMIQUE, FONTENAY-AUX-ROSES (FRANCE). CENTRE D ETUDES NUCLEAIRES.
EFFET D UN CHAMP MAGNETIQUE UNIFORME SUR LES PROFILS DES RAIES DE L HYDROGENE (THE EFFECT OF AN HOMOGENEOUS MAGNETIC FIELD ON THE LINE PROFILES OF HYDROGEN).
PB-173 392 20I U41 24 MCS 3.00 MFS 0.75

COMMISSARIAT A L ENERGIE ATOMIQUE, FONTENAY-AUX-ROSES (FRANCE). CENTRE D ETUDES NUCLEAIRES.
MECANISME D EXTRACTION DE L ACIDE NITRIQUE ET DE L EAU PAR LES SOLUTIONS ORGANIQUES D ALCOYLAMINES TERTIAIRES (MECHANISM OF THE EXTRACTION OF NITRIC ACID AND WATER BY ORGANIC SOLUTIONS OF TERTIARY ALKYLAMINES).
PB-173 396 7D U41 24 MCS 3.00 MFS 0.75

COMMISSARIAT A L ENERGIE ATOMIQUE, GRENOBLE (FRANCE). CENTRE D ETUDES NUCLEAIRES.
LA DETERMINATION POLAROGRAPHIQUE DE LA STOECHIOMETRIE DU DIOXYDE D URANIUM (POLAROGRAPHIC DETERMINATION OF URANIUM DIOXIDE STOICHIOMETRY).
PB-173 394 7E U41 24 MCS 1.00 MFS 0.50

REALISATION D UN APPAREIL POUR DES MESURES D ORIENTATION NUCLEAIRE A BASSE TEMPERATURE. APPLICATION A L ALLIAGE NEODYME-COBALT (CONSTRUCTION OF AN APPARATUS FOR NUCLEAR ORIENTATION MEASUREMENTS AT LOW TEMPERATURES. APPLICATION TO NEODYMIUM-COBALT ALLOY).
PB-173 400 20L U41 24 MCS 3.00 MFS 0.75

COMMISSARIAT A L ENERGIE ATOMIQUE, GRENOBLE (FRANCE). CENTRE D ETUDES NUCLEAIRES.
INTERACTIONS A DEUX CORPS DANS LA REACTION 9BE(N,NN) ALPHA ALPHA A 14 MEV - I. MISE EN EVIDENCE DES ETATS RESONNANTS (TWO-BODY INTERACTION IN THE REACTION 9BE(N,NN) ALPHA ALPHA AT 14 MEV. I. EXISTENCE OF RESONATING STATES).
PB-173 398 20M U41 24 MCS 2.00 MFS 0.50

STABILISATEURS DE TENSION POUR FOURS A HAUTE TEMPERATURE (VOLTAGE STABILIZATORS FOR HIGH TEMPERATURE FURNACE).
PB-173 403 13A U41 24 MCS 1.00 MFS 0.50

COMMISSARIAT A L ENERGIE ATOMIQUE, SACLAY (FRANCE). CENTRE D ETUDES NUCLEAIRES.
CONTRIBUTION A LA MESURE PRECISE DE L ACTIVITE DE SOURCES NON PONCTUELLES AU MOYEN DE LA CHAMBRE D IONISATION A PUITS (CONTRIBUTION TO THE PRECISE MEASUREMENT OF THE ACTIVITY OF NON-POINT SOURCES BY THE USE OF THE WELL-TYPE IONISATION CHAMBER).
PB-173 388 18D U41 24 MCS 5.00 MFS 1.00

COMMISSARIAT A L ENERGIE ATOMIQUE, SACLAY (FRANCE). CENTRE D ETUDES NUCLEAIRES.
CONTRIBUTION A L ETUDE SUR UN NOUVEL EFFET DE CONVERSION D ENERGIE IONISANTE EN ELECTRICITE (CONTRIBUTION TO THE STUDY OF A NEW IONISING-ENERGY CONVERSION EFFECT IN ELECTRICITY).
PB-173 382 18A U41 24 MCS 3.00 MFS 0.75

ETUDE COMPAREE PAR SPECTROMETRIE INFRA-ROUGE DU COMPORTEMENT DE GROUPEMENTS Y-H ET Y-D, FREQUENCES DE VALENCE ET CONSTANTES D ASSOCIATION MOLECULAIRE (COMPARATIVE STUDY OF INFRA-RED SPECTROMETRY OF THE BEHAVIOUR OF Y-H AND Y-D GROUPS, VALENCIES FREQUENCY AND MOLECULAR ASSOCIATION CONSTANTS).
PB-173 383 7D U41 24 MCS 4.00 MFS 0.75

DESCRIPTION D UN DISPOSITIF PERMETTANT LA CONTAMINATION D ANIMAUX DE LABORATOIRE PAR INHALATION D AEROSOLS RADIOACTIFS (DEVICE FOR CONTAMINATING LABORATORY ANIMALS BY INHALATION OF RADIOACTIVE AEROSOLS).
PB-173 384 6R U41 24 MCS 2.00 MFS 0.50

COMMISSARIAT A L ENERGIE ATOMIQUE, SACLAY (FRANCE). CENTRE D ETUDES NUCLEAIRES.
CONTRIBUTION A L ETUDE DE LA DESORPTION DES GAZ DE FISSION FORMES DANS L OXYDE D URANIUM IRRADIE (CONTRIBUTION TO THE STUDY OF THE DESORPTION OF FISSION GASES FORMED IN IRRADIATED URANIUM OXIDE).
PB-173 389 18G U41 24 MCS 2.00 MFS 0.50

COMMISSARIAT A L ENERGIE ATOMIQUE, SACLAY (FRANCE). CENTRE D ETUDES NUCLEAIRES.
PREPARATION, DEFINITION ET STABILISATION PAR UNE MACROMOLECULE ORGANIQUE D UN SOL MINERAL CAS D UN COLLOIDE D HYDROXYDE D ALUMINIUM (PREPARATION DEFINITION AND STABILIZATION OF AN INORGANIC SOL BY AN ORGANIC MACROMOLECULE CASE OF AN ALUMINIUM HYDROXIDE COLLOID).
PB-173 391 7D U41 24 MCS 3.00 MFS 0.75

ETUDE DU SYSTEME ANTI-K, PION DANS LES ETATS FINALS A 3 CORPS, PRODUITS PAR LES INTERACTIONS K-P A 3 GEV/C (STUDY OF THE ANTI-K, PION SYSTEM IN THE 3 BODIES FINAL STATES, PRODUCED BY 3 GEV/C K-P INTERACTIONS).
PB-173 393 20M U41 24 MCS 3.00 MFS 0.75

ETUDES D ELEMENTS UTILISES EN INTERFEROMETRIE HERTZIENNE (ONDES) MILLIMETRIQUES). MESURE DE LA PERMITTIVITE DE DIELECTRIQUE LIQUIDE (STUDIES OF ELEMENTS USED IN HERTZIAN INTERFEROMETRY (MILLIMETRIC WAVES). MEASUREMENT OF THE PERMITTIVITY OF A LIQUID DIELECTRIC).
PB-173 399 14B U41 24 MCS 4.00 MFS 0.75

TABLE DE DEPOUILLEMENT BIP 101 POUR CLICHES DE CHAMBRES A BULLES (SCANNING TABLE BIP 101 FOR BUBBLE CHAMBER PICTURES).
PB-173 397 14B U41 24 MCS 1.00 MFS 0.50

METHODE DE SEPARATION DES TERRES RARES PAR ELECTROPHORESE A HAUTE TENSION SUR PAPIER - SUPPORT (SEPARATION METHOD FOR RARE-EARTHS USING HIGH-VOLTAGE ELECTROPHORESIS ON PAPER STRIP).
PB-173 398 7E U41 24 MCS 4.00 MFS 0.75

PROPRIETES THERMODYNAMIQUES DU CHLORURE D ARGENT DANS LE MELANGE EUTECTIQUE FONDU KCL-LICL (THERMODYNAMIC PROPERTIES OF SILVER CHLORIDE IN THE MOLTEN KCL-LICL EUTECTIC).
PB-173 399 7D U41 24 MCS 3.00 MFS 0.75

ETUDE THEORIQUE ET EXPERIMENTALE DE LA FOCALISATION DES IONS AFIN D AMELIORER, LA BRILLANCE DU FAISCEAU IONIQUE PAR LA SUPPRESSION DES CAUSES D ABERRATION (THEORETICAL AND EXPERIMENTAL STUDY OF ION FOCUSING SYSTEMS IN ORDER TO IMPROVE THE ION BEAM BRIGHTNESS BY SUPPRESSING ABERRATION CAUSES).
PB-173 402 20G U41 24 MCS 3.00 MFS 0.75

COMMISSARIAT A L ENERGIE ATOMIQUE, SACLAY (FRANCE). CENTRE D ETUDES NUCLEAIRES.
CORRELATIONS DIRECTIONNELLES ELECTRON-GAMMA (ELECTRON-GAMMA DIRECTIONAL CORRELATIONS).
PB-173 401 20M U41 24 MCS 3.00 MFS 0.75

COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANIZATION, SYDNEY (AUSTRALIA). RADIOPHYSICS LAB.
AN INSTRUMENT FOR THE RAPID MEASUREMENT OF SURFACE DEFORMATIONS OF A 210-FT RADIO TELESCOPE.
N66-38361 14B S04 23 MCS 2.00 MFS 0.50

COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANIZATION, MELBOURNE (AUSTRALIA). DIV. OF FOREST PRODUCTS.
THE MECHANICAL PROPERTIES OF 61 NEW GUINEA TIMBERS.
PB-173 470 11L U41 24 MCS 3.00 MFS 0.50

THE STRENGTH AND STIFFNESS OF NAILED JOINTS UNDER SHORT-DURATION LOADING.
PB-173 475 13M U41 24 MCS 2.00 MFS 0.50

COMPUTER CONTROL CO., INC., FRAMINGHAM, MASS.
EVALUATION OF FLIP/CHIP INTEGRATED CIRCUIT INTERCONNECTIONS.
AD-482 859 9E U41 24 MCS 1.00 MFS 0.50

COMPUTING DEVICES OF CANADA, LTD., OTTAWA (ONTARIO).
HIGH SHOCK FM TRANSMITTER.
N66-33974 9F S04 19 MCS 2.00 MFS 0.50

CONNECTICUT COLL., NEW LONDON.
A STUDY OF TRANSFER IN A MOTOR TASK WITH VARYING DISPLAY-CONTROL RELATIONSHIPS.
AD-641 580 5I T66 24 MCS 3.00 MFS 0.50

TRANSFER OF TRAINING FROM PRACTICE ON COMPONENTS IN A MOTOR SKILL.
AD-641 581 5I T66 24 MCS 6.00 MFS 0.75

THE MEASUREMENT OF TRANSFER OF TRAINING.
AD-641 582 5I T66 24 MCS 6.00 MFS 0.75

TRANSFER TO A MOTOR SKILL FROM PRACTICE ON A PICTURED REPRESENTATION.
AD-641 584 5I T66 24 MCS 2.00 MFS 0.50

TRANSFER OF TRAINING TO A MOTOR SKILL AS A FUNCTION OF VARIATION IN RATE OF RESPONSE.
AD-641 586 5I T66 24 MCS 1.00 MFS 0.50

TRANSFER OF TRAINING TO A MOTOR TASK IN RELATION TO STIMULUS SIMILARITY.
AD-641 587 5I T66 24 MCS 3.00 MFS 0.50

CONNECTICUT COLL., NEW LONDON. DEPT. OF PSYCHOLOGY.
TRANSFER OF DISCRIMINATION TO A MOTOR TASK.
AD-641 583 5I T66 24 MCS 3.00 MFS 0.50

ON THE RELATION BETWEEN SIMILARITY AND TRANSFER OF TRAINING IN THE LEARNING OF DISCRIMINATIVE MOTOR TASKS.
AD-641 585 5I T66 24 MCS 2.00 MFS 0.50

CONSOLIDATED CONTROLS CORP., BETHEL, CONN.
PRESSURE MEASURING SYSTEMS FOR FOR CLOSED CYCLE LIQUID METAL FACILITIES NINTH QUARTERLY REPORT, MAR. 1 - MAY 31, 1966.
N66-38106 14B S04 23 MCS 2.50 MFS 0.50

CONSULTANTS AND DESIGNERS, INC., ARLINGTON, VA.
LUNA-18 COMPLETED ITS PROGRAM OF SCIENTIFIC INVESTIGATIONS.
N66-33397 22B S04 19 MCS 1.00 MFS 0.50

CONTROL DATA CORP., MINNEAPOLIS, MINN. MINNESOTA UNIV., MINNEAPOLIS.
DESIGN OF AN AUTOMATED STELLAR PROPER MOTION MEASURING SYSTEM, 1 JULY 1965 - 30 JUNE 1966.
N66-33399 3A S04 19 MCS 4.00 MFS 1.00

CORNELL AERONAUTICAL LAB., BUFFALO, N. Y.
EXPERIMENTAL AND THEORETICAL INVESTIGATION OF THE FLUTTER CHARACTERISTICS OF A MODEL HELLICOPTER ROTOR BLADE IN FORWARD FLIGHT.
AD-275 187 1A U41 24 MCS 7.60

CORNELL AERONAUTICAL LAB., INC., BUFFALO, N. Y.
APPROXIMATIONS TO HARTREE-FOCK PERTURBATION THEORY.
AD-641 486 7D T66 24

CHARACTERIZATION OF TIME-VARYING HUMAN OPERATOR DYNAMICS.
N66-32959 5H S04 19 MCS 3.00 MFS 0.75

TEMPERATURE AND DENSITY MEASUREMENTS IN THE BASE REGION OF A CLUSTERED ROCKET MODEL USING AN ELECTRON BEAM TECHNIQUE.
N66-34845 21M S04 19 MCS 4.00 MFS 1.00

PROJECT SLOPE - STUDY OF LUNAR ORBITER PHOTOGRAPHIC EVALUATION FINAL REPORT,
N66-38492 14E S04 23 HC$ 3.25 MF$ 1.00

A STUDY OF TIRE-SURFACE INTERACTION FOR THE CASE OF ROLLING ON A WET SURFACE.
PB-173 454 11J U41 24 HC$ 3.00 MF$ 0.75

CORNELL UNIV., ITHACA, N. Y.
ELECTRON DIFFRACTION STUDIES AT ELEVATED TEMPERATURES,
AD-641 659 7D T66 24 HC$ 2.00 MF$ 0.50

CORNELL UNIV., ITHACA, N. Y., DEPT. OF ENGINEERING PHYSICS.
KIKUCHI EFFECTS FROM LOW-ENERGY ELECTRONS IN NICKEL,
AD-641 546 20B T66 24

CORNELL UNIV., ITHACA, N. Y., DEPT. OF INDUSTRIAL ENGINEERING AND OPERATIONS RESEARCH.
OPTIMAL POLICIES FOR TWO PRODUCT INVENTORY SYSTEMS, WITH AND WITHOUT SETUP COSTS,
AD-641 499 12B T66 24 HC$ 5.00 MF$ 1.00

COUNCIL FOR SCIENTIFIC AND INDUSTRIAL RESEARCH, JOHANNESBURG (SOUTH AFRICA). NATIONAL INST. FOR TELECOMMUNICATIONS
RADIO WAVE PROPAGATION AND SATELLITE TRACKING ANNUAL SPECIAL REPORT, 1964-1965.
N66-33037 20N S04 19 HC$ 1.00 MF$ 0.50

COURANT INST. OF MATHEMATICAL SCIENCES, NEW YORK UNIV., N. Y.
ABEL S EQUATION AND THE CAUCHY INTEGRAL EQUATION OF THE SECOND KIND.
AD-641 368 12A T66 24 HC$ 2.00 MF$ 0.50

SLIP FLOW OF LINEARIZED COUETTE PROBLEM.
AD-641 548 20D T66 24

A REMARK ON MORSE THEORY,
AD-641 878 12A T66 24

CRUFT LAB., HARVARD UNIV., CAMBRIDGE, MASS.
THE INTEGRAL EQUATION FOR THE CURRENT IN AN ASYMMETRICALLY DRIVEN, THICK TUBULAR ANTENNA,
AD-641 362 9E T66 24 HC$ 1.00 MF$ 0.50

NONLINEAR FEEDBACK SOLUTION FOR MINIMUM-TIME INJECTION INTO CIRCULAR ORBIT WITH CONSTANT THRUST ACCELERATION MAGNITUDE,
AD-641 404 22C T66 24 HC$ 1.00 MF$ 0.50

CTS KNIGHTS, INC., SANDWICH, ILL.
PRODUCTION ENGINEERING MEASURES. VHF QUARTZ CRYSTAL UNITS CR-(X*-38)/U 150 MC TO 200 MC.
AD-641 606 9A T66 24 HC$ 2.00 MF$ 0.50

DATA-DESIGN LABS., ONTARIO, CALIF.
160 AND 160A POWER SUPPLIES, 161 AND 163 PULSE GENERATORS, 162 WAVEFORM GENERATOR (TEKTRONIX).
PB-173 504 9C U41 24 HC$ 1.00 MF$ 0.50

DAVID TAYLOR MODEL BASIN, WASHINGTON, D. C. STRUCTURAL MECHANICS LAB.
AN EXPLORATORY STUDY OF THE FEASIBILITY OF GLASS AND CERAMIC PRESSURE VESSELS FOR NAVAL APPLICATIONS,
AD-641 875 13J T66 24 HC$ 2.00 MF$ 0.50

DAVID TAYLOR MODEL BASIN, WASHINGTON, D. C. HYDROMECHANICS LAB.
THE INVERSE PROBLEM OF THE ANNULAR AIRFOIL AND DUCTED PROPELLER,
AD-641 337 13J T66 24 HC$ 3.00 MF$ 0.50

DE HAVILLAND AIRCRAFT CO., LTD., MALTON (ONTARIO). SPECIAL PRODUCTS AND APPLIED RESEARCH DIV.
TEST PROGRAM ON TWIN-WALLED TUBES WITH ZERO THERMAL GRADIENT FINAL REPORT,
N66-33572 20K S04 19 HC$ 3.25 MF$ 1.25

DEBELL AND RICHARDSON, INC., HAZARDVILLE, CONN.
PRECISION WINDING OF CYLINDRICAL COMPOSITES WITH SHAPED GLASS FILAMENTS,
N66-32958 13M S04 19 HC$ 2.00 MF$ 0.50

INITIATION OF FAILURE MECHANISMS IN GLASS- RESIN COMPOSITES,
N66-33464 11D S04 19 HC$ 3.00 MF$ 0.75

DEFENCE CHEMICAL BIOLOGICAL AND RADIATION LABS., OTTAWA (ONTARIO).
TECHNIQUES FOR MEASUREMENT OF SWEATING RATES,
AD-641 353 6P T66 24

A SUBSTANDARD LIGHT SOURCE OF VERY LOW INTENSITY,
AD-641 927 14B T66 24

EFFECT OF DIFFUSION ON THE SATURATION CURVE OF A PLANE PARALLEL ION CHAMBER,
AD-641 928 18D T66 24

DEFENCE CHEMICAL, BIOLOGICAL AND RADIATION LABS., OTTAWA (ONTARIO).
GROWTH OF ACTINOBACILLUS MALLEI IN CHEMICALLY DEFINED MEDIA,
AD-641 516 6M T66 24

COLONIAL VARIATION IN ACTINOBACILLUS MALLEI,
AD-641 517 6M T66 24

USE OF KAVANYCIN FOR THE ISOLATION OF AUXOTROPHIC MUTANTS OF ACTINOBACILLUS MALLEI,
AD-641 518 6M T66 24

UTILIZATION OF CARBOHYDRATES BY ACTINOBACILLUS MALLEI,
AD-641 519 6M T66 24

DEFENCE RESEARCH BOARD, OTTAWA (ONTARIO). DIRECTORATE OF SCIENTIFIC INFORMATION
ALTERNATING FIELD DEMAGNETIZATION STUDY ON LOWER SINIAN SANDSTONES IN XIUNING HSIUNING DISTRICT, ANHUI ANHWEI PROVINCE,
N66-38177 8E S04 23 HC$ 1.00 MF$ 0.50

DEFENSE ATOMIC SUPPORT AGENCY, WASHINGTON, D. C.
A RATE PROCESS THEORY OF THERMAL INJURY,
AD-212 660 6R U41 24 HC$ 3.00

DELAWARE UNIV., NEWARK. DEPT. OF CHEMICAL ENGINEERING.
SHOCKTUBE STUDIES OF GAS-LIQUID REACTIONS AND OF GAS-PHASE DIFFUSION,
AD-641 435 20D T66 24 HC$ 4.00 MF$ 1.00

DELAWARE UNIV., NEWARK. DEPT. OF PHYSICS.
TIME PERIODIC SOLUTIONS OF TRANSPORT-AND POISSON-EQUATIONS FOR LAYERLIKE FIELD INHOMOGENEITIES,
AD-641 398 20B T66 24 HC$ 2.00 MF$ 0.50

INJECTION CAUSED P-N JUNCTION IN CDS.
AD-641 408 20L T66 24 HC$ 1.00 MF$ 0.50

MULTILAYER OHMIC CONTACTS ON CD S,
N66-38275 9A S04 23 HC$ 1.00 MF$ 0.50

DELCO RADIO, DIV., GENERAL MOTORS CORP., KOKOMO, IND.
PRODUCTION ENGINEERING MEASURE TO IMPROVE PRODUCTION TECHNIQUES AND INCREASE THE RELIABILITY OF THE SCL7004/21 AND SCL7004/22 TRANSISTORS,
AD-641 877 9A T66 24 HC$ 3.00 MF$ 0.75

DENVER RESEARCH INST., COLO.
RESPONSE ON NON-WOVEN SYNTHETIC FIBER TEXTILES TO BALLISTIC IMPACT,
AD-641 433 11E T66 24 HC$ 4.00 MF$ 0.75

DEPARTMENT OF FORESTRY, VANCOUVER (BRITISH COLUMBIA). FOREST PRODUCTS LAB.
PROPERTIES AND UTILIZATION OF LODGEPOLE PINE IN WESTERN CANADA,
PB-173 469 11L U41 24 HC$ 2.00 MF$ 0.50

DEPARTMENT OF JUSTICE, WASHINGTON, D. C.
IDENTICAL BIDDING IN PUBLIC PROCUREMENT,
AD-641 898 15E T66 24 MF$ 1.25

DETROIT UNIV., MICH. INST. OF SPACE BIOPHYSICS.
PORPHINE-LIKE SUBSTANCES. III - SYNTHESIS BY ELECTRICAL DISCHARGE,
N66-33374 6A S04 19 HC$ 1.00 MF$ 0.50

DEVELOPMENT AND PROOF SERVICES, ABERDEEN PROVING GROUND, MD.
ROAD SHOCK AND VIBRATION ENVIRONMENT FOR A SERIES OF WHEELED AND TRACK-LAYING VEHICLES,
AD-408 653 13F U41 24 HC$ 4.00

DIEHM (R. A.), KALAMAZOO, MICH.
THE UTILIZATION OF SURPLUS WOODS FOR PULP AND PAPER IN THE FIVE COUNTY AREA COMPOSED OF ASHLAND, PAYFIELD, DOUGLAS, IRON, AND PRICE COUNTIES OF NORTHERN WISCONSIN,
PB-173 506 11L U41 24 HC$ 4.00 MF$ 0.75

DOCUMENTATION, INC., COLLEGE PARK, MD. NASA SCIENTIFIC AND TECHNICAL INFORMATION
GUIDE TO THE PROCESSING, STORAGE, AND RETRIEVAL OF BIBLIOGRAPHIC INFORMATION AT THE NASA SCIENTIFIC AND TECHNICAL INFORMATION FACILITY,
N66-34085 9B S04 19 HC$ 3.25 MF$ 1.00

DOUGLAS AIRCRAFT CO., INC., HUNTINGTON BEACH, CALIF. MISSILE AND SPACE SYSTEMS DIV.
EXPERIMENTAL STUDY OF DYNAMIC EFFECTS OF CREW MOTION IN A MANNED ORBITAL RESEARCH LABORATORY (MORL).
N66-38756 5H S04 23 HC$ 3.25 MF$ 1.25

DOUGLAS AIRCRAFT CO., INC., LONG BEACH, CALIF.
A FEASIBILITY INVESTIGATION CONCERNING THE SIMULATION OF SONIC BOOM BY BALLISTIC MODELS,
N66-38421 1A S04 23 HC$ 2.50 MF$ 0.75

DOUGLAS AIRCRAFT CO., INC., NEWPORT BEACH, CALIF.
FUEL CELL CATHODE STRUCTURES AND REACTIONS,
AD-286 698 10B U41 24 HC$ 10.00

DOUGLAS AIRCRAFT CO., INC., SANTA MONICA, CALIF. MISSILE AND SPACE SYSTEMS DIV.
THERMAL CONTACT CONDUCTANCE IN A VACUUM ENVIRONMENT,
N66-33408 20M S04 19 HC$ 4.00 MF$ 0.75

DUCTILITY LIMITATIONS OF ALUMINUM-SILICON ALLOYS,
N66-38791 11F S04 23 HC$ 2.00 MF$ 0.50

DREXEL INST. OF TECH., PHILADELPHIA, PA.
A UNIFIED APPROACH TO ONE-DIMENSIONAL ELASTIC WAVES BY THE METHOD OF CHARACTERISTICS.
N66-38719 20K S04 23 HC$ 2.00 MF$ 0.50

DUKE UNIV., DURHAM, N. C. DEPT. OF MATHEMATICS.
A TWO-DIMENSIONAL CRACK PROBLEM,
AD-641 595 20K T66 24

ON THE NON-EXISTENCE OF L SQUARE SOLUTIONS OF A CLASS OF NON LINEAR DIFFERENTIAL EQUATIONS,
AD-641 596 12A T66 24

DYNATECH CORP., CAMBRIDGE, MASS.
THERMOPHYSICAL PROPERTIES MEASUREMENTS PERFORMED FOR NASA.

N66-32723 28M S04 19 HC$ 1.00 MF$ 0.50

EATON ELECTRONICS RESEARCH LAB., MCGILL UNIV., MONTREAL (QUEBEC).
FINE STRUCTURE IN THE ABSORPTION SPECTRA KMNF3 AND RBMNF3.
AD-641 915 20L T66 24 HC$ 1.00 MF$ 0.50

HIGH-FIELD ZEEMAN EFFECT MEASUREMENTS USING A SCANNING TECHNIQUE AND PULSED FIELDS.
AD-641 916 20L T66 24 HC$ 1.00 MF$ 0.50

ABSORPTION SPECTRA OF MNF2 AND CAMNF3.
AD-641 917 20L T66 24 HC$ 1.00 MF$ 0.50

MAGNON SIDEBANDS IN CSMNF3.
AD-641 918 20L T66 24 HC$ 1.00 MF$ 0.50

A CRYOGENIC MAGNET SYSTEM FOR QUASI-CONTINUOUS OPERATION.
AD-641 919 9A T66 24 HC$ 1.00 MF$ 0.50

A 100 KILOGAUSS QUASI-CONTINUOUS CRYOGENIC SOLENOID. PART I.
AD-641 920 9A T66 24 HC$ 1.00 MF$ 0.50

EDGERTON, GERMESHAUSEN AND GRIER, INC., BOSTON, MASS.
TELEVISION SYSTEM STUDY FOR NUCLEAR ACCIDENT RECOVERY. PHASE I.
EGG-1183-1218 18I U41 24 HC$ 5.00 MF$ 1.00

EDGEWOOD ARSENAL, MD. MEDICAL RESEARCH LAB.
COLOR NAMES AND RESPONSE CRITERIA FOR THE E56 CHEMICAL DETECTOR KIT.
AD-481 660 15B U41 24 HC$ 1.00 MF$ 0.50

A MULTICHANNEL ANALYTICAL SYSTEM FOR CONTINUOUS MONITORING OF BLOOD CHOLINESTERASE.
AD-641 572 6A T66 24 HC$ 1.00 MF$ 0.50

REGULATION OF GLYCOLYSIS IN TETANIZED CAT SKELETAL MUSCLE IN SITU.
AD-641 573 6A T66 24 HC$ 1.00 MF$ 0.50

EDISON (THOMAS A.) INDUSTRIES, BLOOMFIELD, N. J. PRIMARY BATTERY DIV.
AUXILIARY ELECTRODE FOR CHARGE CONTROL OF SEALED NICKEL-CADMIUM BATTERIES.
AD-458 844 10C U41 24 HC$ 3.00

EDISON (THOMAS A.) INDUSTRIES, BLOOMFIELD, N. J. PRIMARY BATTERY DIV.
AUXILIARY ELECTRODE FOR CHARGE CONTROL OF SEALED NICKEL-CADMIUM BATTERIES.
AD-456 849 10C U41 24 HC$ 9.60

EDUCATIONAL RESEARCH CORP., CAMBRIDGE, MASS.
A COMPARISON OF TWO METHODS OF TEACHING MORSE CODE.
AD-641 320 5I T66 24 HC$ 2.00 MF$ 0.50

A COMPARISON OF TWO METHODS OF TEACHING TYPEWRITING.
AD-641 321 5I T66 24 HC$ 2.00 MF$ 0.50

EITEL-MCCULLOUGH, INC., SAN CARLOS, CALIF.
INVESTIGATION OF SOLUBILITY AND DIFFUSION OF OXYGEN IN REFRACTORY METALS SECOND QUARTERLY REPORT, 1 OCT. - 31 DEC. 1965.
N66-38755 11F S04 23 HC$ 2.00 MF$ 0.50

ELECTRO TECHNICAL ANALYSIS CORP., TUCSON, ARIZ.
FREQUENCY ASSIGNMENT STUDIES.
AD-641 431 17B T66 24 HC$ 6.00 MF$ 1.25

ELECTROCHEMICA CORP., MENLO PARK, CALIF. RESEARCH AND DEVELOPMENT LAB.
DIRECT AMMONIA-AIR FUEL CELL.
AD-445 865 10A U41 24 HC$ 5.60

ELECTRO-OPTICAL SYSTEMS, INC., PASADENA, CALIF.
INSTRUMENTS AND SPACECRAFT, OCTOBER 1957 - MARCH 1965 SPACE MEASUREMENTS SURVEY.
N66-33075 22B S04 19 HC$ 6.00 MF$ 4.75

PULSED GAS CHROMATOGRAPHIC SEPARATION FINAL REPORT,
N66-38086 7A S04 23 HC$ 4.00 MF$ 1.00

ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION, BOULDER, COLO. INST. FOR TELECOMMUNICATION SCIENCES/AERONOMY.
INFRASONIC OBSERVATION OF A SEVERE WEATHER SYSTEM.
AD-641 837 4B T66 24

EON CORP., BROOKLYN, N. Y. JET PROPULSION LAB., CALIF. INST. OF TECH., PASADENA.
STUDY AND DEVELOPMENT OF THE STERILIZABLE GEIGER- MULLER TUBE FINAL REPORT.
N66-32698 18D S04 19 HC$ 2.00 MF$ 0.50

EUROPEAN ATOMIC ENERGY COMMUNITY, BRUSSELS (BELGIUM).
THE USE OF PULSED REACTORS IN THE FIELD OF NEUTRON AND SOLID STATE PHYSICS.
N66-33429 18K S04 19 HC$ 3.00 MF$ 0.75

FALKINER NUCLEAR DEPT., UNIV. OF SYDNEY (AUSTRALIA).
ISOBAR PRODUCTION IN HIGH-ENERGY NUCLEAR INTERACTIONS.
AD-641 498 20M T66 24

FEDERAL AVIATION AGENCY, WASHINGTON, D. C. AEROMEDICAL APPLICATIONS DIV.
PROTECTING THE AG PILOT,
AD-641 478 1B T66 24 HC$ 1.00 MF$ 0.50

FEDERAL AVIATION AGENCY, WASHINGTON, D. C. AIRCRAFT DEVELOPMENT SERVICE.
AN EVALUATION OF LOW-COST CARBON MONOXIDE INDICATORS.
AD-641 678 13L T66 24 HC$ 2.00 MF$ 0.50

FEDERAL FIRE COUNCIL, WASHINGTON, D. C.
FEDERAL FIRE COUNCIL MINUTES OF MEETING, FIRE PREVENTION ACTIVITIES, HELPS AND IDEAS.
AD-641 967 13L T66 24 HC$ 1.00 MF$ 0.50

FEDERAL FIRE COUNCIL MINUTES OF ANNUAL MEETING, MARCH 8, 1961.
AD-641 968 13L T66 24 HC$ 2.00 MF$ 0.50

FEDERAL FIRE COUNCIL MINUTES OF ANNUAL MEETING, FEBRUARY 21, 1962.
AD-641 969 13L T66 24 HC$ 3.00 MF$ 0.50

FEDERAL FIRE COUNCIL MINUTES OF MEETING DECEMBER 15, 1965. HIGH EXPANSION FOAM FOR FIRE SUPPRESSION.
AD-641 970 13L T66 24 HC$ 2.00 MF$ 0.50

FELTMAN RESEARCH LABS., PICATINNY ARSENAL, DOVER, N. J.
INVESTIGATION OF METHODS FOR THE ANALYSIS OF LEAD AZIDE.
AD-156 422 7C U41 24 HC$ 1.60

DEVELOPMENT OF MINIATURE SMOKE SIGNAL PACKAGE FOR INCLUSION IN SURVIVAL KITS.
AD-641 895 6G T66 24 HC$ 2.00 MF$ 0.50

NEW FLARE FORMULATIONS FOR HIGH ALTITUDE APPLICATION.
AD-641 957 19A T66 24 HC$ 1.00 MF$ 0.50

USE OF LOW-MELTING METAL ALLOYS FOR CASTING AND TRANSFER MOLDING OF HOLLOW PLASTIC SPHERES.
AD-641 974 13M T66 24 HC$ 1.00 MF$ 0.50

FLORIDA STATE UNIV., TALLAHASSEE. DEPT. OF PHYSICS.
DIRECT REACTION ANALYSIS OF THE F19(P,ALPHA)O16 REACTION.
AD-641 684 20H T66 24

FLORIDA STATE UNIV., TALLAHASSEE. DEPT. OF STATISTICS.
MULTIVARIATE PAIRED COMPARISONS.
AD-641 857 12A T66 24 HC$ 4.00 MF$ 0.75

FLORIDA UNIV., GAINESVILLE. DEPT. OF PSYCHOLOGY.
THE SLEEP OF DEPRESSED PATIENTS.
AD-641 525 6P T66 24

FLORIDA UNIV., GAINESVILLE. ENGINEERING AND INDUSTRIAL EXPERIMENT STATION.
BEHAVIOR OF PRESTRESSED CONCRETE BRIDGE MEMBERS. PORTLAND CEMENT CONCRETE - PRESTRESSED CONCRETE BRIDGES (LIGHTWEIGHT AGGREGATE).
PB-173 495 13M U41 24 HC$ 1.60 MF$ 0.50

FLORIDA UNIV., GAINSVILLE.
THE FIRST NIGHT EFFECT AN EEG STUDY OF SLEEP.
AD-641 524 6P T66 24

FORDHAM UNIV., BRONX, N. Y. DEPT. OF CHEMISTRY.
SMALL RING COMPOUNDS.
AD-641 383 7C T66 24 HC$ 1.00 MF$ 0.50

NUCLEAR MAGNETIC RESONANCE STUDY OF 2,3-QUINOXALINE DICARBOXALDEHYDE AND ITS CYCLIC MONOHYDRATE.
AD-641 740 7C T66 24

FOREIGN TECHNOLOGY DIV., WRIGHT-PATTERSON AFB, OHIO.
THE USE OF OPTICALLY ACTIVE COATINGS IN THE SOLUTION OF PLANE ELASTO-PLASTIC PROBLEMS.
AD-641 649 20K T66 24 HC$ 1.00 MF$ 0.50

NEW TECHNIQUES IN ASTRONOMY SELECTED ARTICLES.
AD-641 650 3A T66 24 HC$ 3.00 MF$ 0.75

FOREST PRODUCTS LAB., MADISON, WIS.
STRESSES INDUCED IN A SANDWICH PANEL BY LOAD APPLIED AT AN INSERT.
AD-61 585 13M U41 24 HC$ 2.60

FRANK J. SEILER RESEARCH LAB., AIR FORCE ACADEMY, COLO.
THE FRANK J. SEILER RESEARCH LABORATORY
AD-641 986 14B T66 24 HC$ 3.00 MF$ 0.75

FRANKFORD ARSENAL, PHILADELPHIA, PA. CHEMISTRY RESEARCH LAB.
TRACER AMMUNITION CONTAINING FERROMAGNETIC MATERIALS AS ADDITIVES EFFECTS ON OVERALL PERFORMANCE.
AD-641 485 19A T66 24 HC$ 1.00 MF$ 0.50

FRANKFORD ARSENAL, PHILADELPHIA, PA. FIRE CONTROL DEVELOPMENT AND ENGINEERING LABS.
THE ACOUSTIC ANALYSIS OF MATERIALS IN DYNAMIC APPLICATIONS.
AD-641 728 14B T66 24 HC$ 2.00 MF$ 0.50

FRANKFORD ARSENAL, PHILADELPHIA, PA. RESEARCH AND DEVELOPMENT DIRECTORATE.
SOLID PROPELLANTS FOR SMALL ARMS AMMUNITION A REVIEW AND RECOMMENDED RESEARCH.
AD-451 179 19F U41 24 HC$ 5.60

FREQUENCY ENGINEERING LABS., FARMINGDALE, N. J.
DEVELOPMENT OF SIGNAL GENERATOR AN/URM-123 ( ).
AD-641 987 14B T66 24 HC$ 1.00 MF$ 0.50

FRITZ ENGINEERING LAB., LEHIGH UNIV., BETHLEHEM, PA.
CALIBRATION TEST OF A490 HIGH-STRENGTH BOLTS.
PB-173 409 13E U41 24 HC$ 1.00 MF$ 0.50

EFFECT OF STRAIN RATE ON THE YIELD STRESS OF STRUCTURAL STEELS.
PB-173 413 11F U41 24 HC$ 1.00 MF$ 0.50

GCA CORP., BEDFORD, MASS.
METEOROLOGICAL VARIABLES CRITICAL TO GEOMETRY OF HURRICANE SPIRAL BANDS.
PB-173 433 4B U41 24 HC$ 3.00 MF$ 0.75

GENERAL AMERICAN RESEARCH DIV., GENERAL AMERICAN TRANSPORTATION CORP., NILES, ILL.
NATURAL VENTILATION TEST OF AN ABOVEGROUND FALLOUT SHELTER IN CHICAGO, ILLINOIS,
AD-641 701 13M T66 24 MF$ 0.75

GENERAL DYNAMICS CORP., SAN DIEGO, CALIF.
DIFFUSION AND ELECTRON EMISSION PROPERTIES OF DUPLEX REFRACTORY METAL THERMIONIC EMITTERS,
N66-33023 11F S04 19 HC$ 2.00 MF$ 0.50

GENERAL DYNAMICS CORP., SAN DIEGO, CALIF. GENERAL ATOMIC DIV.
OPTICAL STUDIES OF RADIATION DAMAGE PROCESSES,
AD-641 725 18M T66 24 HC$ 4.00 MF$ 1.00

GENERAL DYNAMICS CORP., SAN DIEGO, CALIF. JOHN JAY HOPKINS LAB. FOR PURE AND APPLIED
METEORITIC, SOLAR, AND TERRESTRIAL RARE-EARTH DISTRIBUTION,
N66-34044 8D S04 19 HC$ 6.00 MF$ 1.50

GENERAL DYNAMICS CORP., SAN DIEGO, CALIF. SPECIAL NUCLEAR EFFECTS LAB.
RADIATION EFFECTS ON SILICON SIXTH QUARTERLY PROGRESS REPORT, APR. 1 - JUN. 30, 1966,
N66-33436 20L S04 19 HC$ 1.00 MF$ 0.50

GENERAL DYNAMICS/CONVAIR, HUNTSVILLE, ALA.
PREDICTION OF TOTAL EMISSIVITY OF NITROGEN- BROADENED AND SELF-BROADENED HOT WATER VAPOR,
N66-38114 20M S04 23 HC$ 2.00 MF$ 0.50

GENERAL DYNAMICS/CONVAIR, SAN DIEGO, CALIF.
FEASIBILITY STUDY OF FREEZE-OUT TECHNIQUES FOR CONTAMINANT CONTROL WITHIN MANNED SPACECRAFT ATMOSPHERES FINAL TECHNICAL REPORT, 11 OCT. 1965 - 11 APR. 1966.
N66-33198 5E S04 19 HC$ 5.00 MF$ 1.00

STUDY ON EXHAUST PLUME RADIATION PREDICTIONS INTERIM TECHNICAL PROGRESS REPORT, 1 JUN. 1964 - 30 NOV. 1965.
N66-38105 20M S04 23 HC$ 4.00 MF$ 1.00

STUDY OF EXHAUST PLUME RADIATION PREDICTIONS, PART II INTERIM PROGRESS REPORT,
N66-38790 20M S04 23 HC$ 3.00 MF$ 0.75

GENERAL DYNAMICS/FORT WORTH, TEX.
DEVELOPMENT OF A HIGH-INTENSITY SOLID-STATE GAMMA-RAY DOSIMETER SYSTEM.
AD-641 654 6R T66 24 HC$ 3.00 MF$ 0.75

MANNED SPACECRAFT SYSTEMS COST MODEL, VOLUME II. SUMMARY REPORT, APR. 1965 - JUN, 1966.
N66-33490 22B S04 19 HC$ 2.50 MF$ 0.75

MANNED SPACECRAFT SYSTEMS COST MODEL, VOLUME I. CONDENSED SUMMARY REPORT, APR. 1965 - JUN. 1966.
N66-33497 22B S04 19 HC$ 2.00 MF$ 0.50

MANNED SPACECRAFT SYSTEMS COST MODEL, VOLUME III. TECHNICAL REPORT, APR. 1965 - JUN, 1966.
N66-33501 22B S04 19 HC$ 3.00 MF$ 1.00

GENERAL ELECTRIC CO., CINCINNATI, OHIO. MISSILE AND SPACE DIV.
POTASSIUM CORROSION TEST LOOP DEVELOPMENT - PURIFICATION, ANALYSIS AND HANDLING OF SODIUM AND POTASSIUM TOPICAL REPORT NO. 4,
N66-38725 14B S04 23 HC$ 5.00 MF$ 1.25

GENERAL ELECTRIC CO., CINCINNATI, OHIO. SPACE POWER AND PROPULSION SECTION.
DEVELOPMENT OF ELECTRICAL SWITCHGEAR FOR SPACE NUCLEAR ELECTRICAL SYSTEMS QUARTERLY PROGRESS REPORT NO. 6, MAR. 4 - JUN. 4, 1966.
N66-33505 9A S04 19 HC$ 2.50 MF$ 0.75

RANKINE CYCLE TEST FACILITY STUDY - TECHNICAL DATA FINAL REPORT.
N66-33975 10B S04 19 HC$ 5.54 MF$ 2.50

ADVANCED REFRACTORY ALLOY CORROSION LOOP PROGRAM QUARTERLY PROGRESS REPORT NO. 4, JAN. 15 - APR. 15, 1966.
N66-33976 11F S04 19 HC$ 2.00 MF$ 0.50

POTASSIUM CORROSION TEST LOOP DEVELOPMENT QUARTERLY PROGRESS REPORT NO. 10, 15 OCT. 1965 - 15 JAN. 1966.
N66-38146 14B S04 23 HC$ 2.00 MF$ 0.50

GENERAL ELECTRIC CO., GAINESVILLE, FLA. BATTERY BUSINESS SECTION,
DEVELOPMENT OF IMPROVED CADMIUM ELECTRODES FOR SEALED SECONDARY BATTERIES FINAL REPORT.
N66-37800 10C S04 23 HC$ 2.50 MF$ 0.50

GENERAL ELECTRIC CO., LYNCHBURG, VA. COMMUNICATION PRODUCTS DEPT.
MICROMINIATURE CRYSTAL UNIT TYPE CR-(XM-47)/U PRODUCTION ENGINEERING MEASURE.
AD-641 461 9E T66 24 HC$ 1.00 MF$ 0.50

GENERAL ELECTRIC CO., PHILADELPHIA, PA.
NAVIGATOR STUDY OF ELECTRIC PROPULSION FOR UNMANNED SCIENTIFIC MISSIONS, CONSTANT POWER MISSION ANALYSIS,
N66-33463 21C S04 19 HC$ 2.00 MF$ 0.50

GENERAL ELECTRIC CO., PHILADELPHIA, PA. MISSILE AND SPACE DIV.
STUDY OF RADIATION HEAT FLUX FROM HIGH PRESSURE AIR ARCS.
AD-454 992 20M U41 24 HC$ 16.40

GENERAL ELECTRIC CO., PHILADELPHIA, PA. MISSILES AND SPACE DIV.
HOLLOW GLASS FIBER REINFORCED LAMINATES,
AD-451 684 11I U41 24 HC$ 5.00

GENERAL ELECTRIC CO., SCHENECTADY, N. Y. RESEARCH AND DEVELOPMENT CENTER.
NEW SOLID-STATE DEVICE CONCEPTS,
AD-641 456 9A T66 24 HC$ 3.00 MF$ 0.50

SUPERCONDUCTIVE MATERIALS AND SOME OF THEIR PROPERTIES.
NBS-TN-408 20L U41 24 HC$ 0.45 MF$ 0.75

GENERAL ELECTRIC CO., SCHENECTADY, N. Y. RESEARCH AND DEVELOPMENT CENTER.
A TIME-OF-FLIGHT ELECTRON VELOCITY SPECTROMETER,
AD-641 394 14B T66 24 HC$ 3.00 MF$ 0.50

GENERAL PRECISION, INC., GLENDALE, CALIF. LIBRASCOPE GROUP.
STUDY OF FAILURE AND RELIABILITY IN MICROELECTRONIC DEVICES THIRD QUARTERLY REPORT.
N66-32763 9A S04 19 HC$ 2.00 MF$ 0.50

STUDY OF FAILURE AND RELIABILITY IN MICROELECTRONICS DEVICES SECOND QUARTERLY REPORT.
N66-32765 9A S04 19 HC$ 2.00 MF$ 0.50

GENERAL PRECISION, INC., LITTLE FALLS, N. J.
STUDY OF QUASI-OPTIMUM FEEDBACK CONTROL TECHNIQUES.
N66-33458 17B S04 19 HC$ 3.00 MF$ 0.75

GENERAL PRECISION, INC., LITTLE FALLS, N. J. RESEARCH CENTER.
HIGH TEMPERATURE STABLE CARBORANE ADHESIVES SECOND QUARTERLY PROGRESS REPORT, MAR. 21 - JUN. 20, 1966.
N66-33493 11A S04 19 HC$ 2.00 MF$ 0.50

GENERAL TELEPHONE AND ELECTRONICS LABS., INC., BAYSIDE, N. Y.
INVESTIGATION OF PHOTOCONDUCTOR MATERIALS FOR A SOLID-STATE SONAR DISPLAY.
AD-455 096 11G U41 24 HC$ 1.00

GEOPHYSICS CORP. OF AMERICA, BEDFORD, MASS,
THE DYNAMIC SHIELDING RESPONSE OF AN IRRADIATED PLASMA,
AD-641 899 20I T66 24 HC$ 9.40 MF$ 0.75

GEOPHYSICS CORP. OF AMERICA, BEDFORD, MASS, TECHNOLOGY DIV.
PLASMA BEAM CALIBRATION MASS SPECTROMETER.
N66-38363 20F S04 23 HC$ 2.00 MF$ 0.50

GEOPHYSICS CORP. OF AMERICA, BEDFORD, MASS, JET PROPULSION LAB., CALIF. INST. OF TECH., PASADENA.
SPUTTERING ION SOURCE STUDY PROGRAM, SECOND PHASE FINAL REPORT, 2 JAN. - 15 NOV. 1962.
N66-33440 20I S04 19 HC$ 2.00 MF$ 0.50

GEORGE WASHINGTON UNIV., WASHINGTON, D. C.
THE SOVIET UNION AND THE UNITED STATES IN SPACE - MEMORANDUM OF THE SEMINARS, 23 MARCH - 20 APRIL 1965.
N66-33395 22A S04 19 HC$ 1.00 MF$ 0.50

GEORGIA INST. OF TECH., ATLANTA.
DYNAMIC RESPONSE OF A CYLINDRICAL SHELL SEGMENT SUBJECTED TO AN ARBITRARY LOADING.
N66-33381 20K S04 19 HC$ 2.00 MF$ 0.50

GEORGIA INST. OF TECH., ATLANTA. ENGINEERING EXPERIMENT STATION.
THE HARDENING OF ASPHALT IN HOT BITUMINOUS MIXES DURING THE HAULING PROCESS.
PB-173 411 13C U41 24 HC$ 3.00 MF$ 0.75

GEORGIA UNIV., ATHENS. BIOELECTRONIC COMPUTER LAB.
PSYCHOPHYSIOLOGIC VARIABLES AS INDICATIONS OF EMOTIONAL STRESS.
AD-641 814 5J T66 24 HC$ 9.20 MF$ 2.75

GEOSCIENCE LTD., LA JOLLA, CALIF.
WHOLE ORGAN FREEZING AND THAWING HEAT TRANSFER AND THERMAL PROPERTIES.
AD-641 900 6E T66 24 HC$ 1.00 MF$ 0.50

GIANNINI CONTROLS CORP., DUARTE, CALIF. CONTROL/NUCLEONICS DIV.
FEASIBILITY STUDY FOR AN X-RAY BACKSCATTER FREE AIR DENSITY SENSOR,
N66-38688 14B S04 23 HC$ 3.00 MF$ 1.00

GM DEFENSE RESEARCH LABS., SANTA BARBARA, CALIF. AEROSPACE OPERATIONS DEPT.
A NUMERICAL METHOD FOR THE DETERMINATION OF THE TRANSMISSION AND REFLECTION COEFFICIENTS OF A NON-UNIFORM PLASMA SLAB,
AD-294 466 20I U41 24 HC$ 4.60

GOTEBORG UNIV. (SWEDEN). INST. OF NEUROBIOLOGY.
BIOCHEMISTRY OF CNS CELLS DURING LEARNING FINAL SCIENTIFIC REPORT, 1 APR. 1965 - 31 MAR. 1966.
N66-33257 6A S04 19 HC$ 2.00 MF$ 0.50

GRADUATE AERONAUTICAL LABS., CALIF. INST. OF TECH., PASADENA.
AN AERODYNAMIC STUDY OF THE ELECTRIC WIND ,
AD-134 408 20I U41 24 HC$ 4.60

HAMILTON STANDARD DIV., UNITED AIRCRAFT CORP., WINDSOR LOCKS, CONN.
AN ENGINEERING STUDY AND PRELIMINARY DESIGN OF A ONE MAN PROPULSION DEVICE FOR LUNAR AND FREE-SPACE ENVIRONMENTS MID-POINT ORAL STATUS REPORT.
N66-33717 5E S04 19 HC$ 2.50 MF$ 0.50

HANOVIA LAMP DIV., ENGELHARD INDUSTRIES, INC., NEWARK, N. J.
IMPROVEMENT OF COMMUNICATION ARC LAMPS FOR VISIBLE AND INFRARED SIGNALLING EQUIPMENT.
AD-641 399 17B T66 24 HC$ 1.00 MF$ 0.50

HARVARD COLL. OBSERVATORY, CAMBRIDGE, MASS.
DATA PROCESSING OF LUNAR INFRARED MEASUREMENTS AT HIGH SPATIAL AND RADIOMETRIC RESOLUTION TO OBTAIN BRIGHTNESS TEMPERATURES SCIENTIFIC REPORT NO. 9.
N66-33394 3A S04 19 HC$ 3.00 MF$ 0.75

HARVARD UNIV., BOSTON, MASS. MEDICAL SCHOOL.
OPERANT ELECTRODERMAL CONDITIONING SOME EFFECTS OF MULTIPLE SCHEDULES OF REINFORCEMENT.
AD-641 699 5J T66 24 HC$ 1.00 MF$ 0.50

HARVARD UNIV., CAMBRIDGE, MASS.
CONVOLUTION TRANSFORMS WHOSE INVERSION FUNCTIONS HAVE COMPLEX ROOTS.
AD-641 526 12A T66 24

IMPERFECTION-SENSITIVITY OF EXTERNALLY PRESSURIZED SPHERICAL SHELLS.
N66-33362 20K S04 23 HC$ 2.00 MF$ 0.50

HARVARD UNIV., CAMBRIDGE, MASS. DIV OF ENGINEERING AND APPLIED PHYSICS.
THE EFFECT OF HIGH PRESSURE ON B2O3 CRYSTALLIZATION, DENSIFICATION, AND THE CRYSTALLIZATION ANOMALY.
AD-641 324 11B T66 24 HC$ 3.00 MF$ 0.50

HARVARD UNIV., CAMBRIDGE, MASS. DIV. OF ENGINEERING AND APPLIED PHYSICS.
SYNTHESIS AND OPTICAL PROPERTIES OF FORSTERITE.
AD-641 363 20L T66 24 HC$ 5.00 MF$ 1.00

HAVERFORD COLL., PA. STRAWBRIDGE OBSERVATORY.
OSCILLATOR STRENGTHS AND HIGH ACCURACY WAVE FUNCTIONS FOR NEUTRAL HELIUM.
N66-33385 20J S04 19 HC$ 1.00 MF$ 0.50

HAWAII UNIV., HONOLULU. DEPT. OF ELECTRICAL ENGINEERING.
SOME RESULTS ON CYCLIC CODES WHICH ARE INVARIANT UNDER THE AFFINE GROUP.
AD-641 561 9D T66 24 HC$ 3.00 MF$ 0.50

ON THE BURST-ERROR-CORRECTING RECURRENT CODES.
AD-641 562 9D T66 24 HC$ 2.00 MF$ 0.50

HAZLETON LABS., FALLS CHURCH, VA.
LIFE DETECTION SUBSYSTEM PROGRESS REPORT NO. 1.
N66-33444 6P S04 19 HC$ 3.00 MF$ 0.50

HEBREW UNIV., JERUSALEM (ISRAEL). DEPT. OF MATHEMATICS.
MINIMAL SEPARATING COLLECTIONS.
AD-641 468 12A T66 24 HC$ 1.00 MF$ 0.50

HEBREW UNIV., JERUSALEM (ISRAEL). DEPT. OF PHYSICAL CHEMISTRY.
THE PHOTOCHEMICAL EVOLUTION OF OXYGEN FINAL SCIENTIFIC REPORT, 1962-1965.
N66-38175 7E S04 23 HC$ 2.00 MF$ 0.50

HEBREW UNIV., JERUSALEM (ISRAEL). LAB. OF X-RAYS AND FAR ULTRAVIOLET SPECTROSCOPY.
IDENTIFICATIONS OF SOLAR ULTRAVIOLET LINES RESULTING FROM A STUDY OF THE AR I AND K I ISOELECTRONIC SEQUENCES.
AD-641 444 3B T66 24

HEWLETT-PACKARD LABS., PALO ALTO, CALIF.
INVESTIGATION AND DEVELOPMENT OF SEMICONDUCTOR-METAL CATHODES.
AD-641 614 9A T66 24 HC$ 3.00 MF$ 0.75

HITTMAN ASSOCIATES, INC., BALTIMORE, MD.
THERMOELECTRIC BONDING STUDY QUARTERLY PROGRESS REPORT, 1 APR. - 30 JUN. 1966.
N66-38792 13H S04 23 HC$ 2.00 MF$ 0.50

SIX STUDIES BASIC TO CONSIDERATION OF THE ARTIFICIAL HEART PROGRAM.
PB-173 483 6E U41 24 HC$ 3.00 MF$ 0.75

HONG KONG UNIV. DEPT. OF PATHOLOGY.
CHINESE LIVER FLUKE--CLONORCHIS SINENSIS--ITS OCCURRENCE IN HONG KONG.
AD-641 882 6E T66 24

HOWARD UNIV., WASHINGTON, D. C. DEPT. OF PHYSICS.
INVESTIGATION OF INFRA-RED ABSORPTION AND LOW ANGLE X-RAY SCATTERING OF TEKTITES SEMIANNUAL STATUS REPORT, 1 DEC. 1965 - 30 JUN. 1966.
N66-33442 8G S04 19 HC$ 2.00 MF$ 0.50

HUGHES AIRCRAFT CO., FULLERTON, CALIF.
EFFECT OF TRANSISTOR DESIGN PARAMETERS ON RADIATION RESPONSE (POWER TRANSISTORS).
AD-641 406 9A T66 24 HC$ 3.00 MF$ 0.75

HUMAN RESOURCES RESEARCH OFFICE, GEORGE WASHINGTON UNIV., ALEXANDRIA, VA.
A DESCRIPTION OF SNAP PROGRAMMING.
AD-422 110 5I U41 24 HC$ 2.60

IDENTIFICATION OF ELECTRONICS MAINTENANCE TRAINING REQUIREMENTS DEVELOPMENT AND EVALUATION OF AN EXPERIMENTAL ORDNANCE RADAR REPAIR COURSE.
AD-457 167 5I U41 24 HC$ 3.00

HUMAN FACTORS IN TACTICAL NUCLEAR COMBAT.
AD-463 787 15F U41 24 HC$ 3.00

A STUDY OF CATEGORY IV PERSONNEL IN BASIC TRAINING.
AD-481 737 5I U41 24 HC$ 2.00 MF$ 0.50

HYDRONAUTICS, INC., LAUREL, MD.
THE DYNAMIC PRESSURE TRACE AT THE SEA BOTTOM CREATED BY A GROUND EFFECT MACHINE.
AD-641 372 13J T66 24 HC$ 3.00 MF$ 0.50

IBM ELECTRONICS SYSTEMS CENTER, OWEGO, N. Y.
STUDY OF EFFECT OF HIGH-INTENSITY PULSED NUCLEAR RADIATION ON ELECTRONIC PARTS AND MATERIALS (SCORRE).
AD-641 673 9E T66 24 HC$ 3.00 MF$ 0.75

IBM FEDERAL SYSTEMS DIV., GAITHERSBURG, MD.
ORGANIZATION AND PRESENTATION OF IMAGE INTERPRETER REFERENCE AND AUXILIARY INFORMATION.
AD-641 326 5B T66 24 HC$ 4.00 MF$ 0.75

IDAHO UNIV., MOSCOW. DEPT. OF PHYSICS.
REFRACTIVE INDEX OF CALCIUM OXIDE.
AD-641 787 20B T66 24

REFRACTIVE INDEX OF STRONTIUM OXIDE.
AD-641 788 20B T66 24

IDAHO UNIV., MOSCOW. ENGINEERING EXPERIMENT STATION.
DEVELOPMENT OF AN ASPHALT PAVEMENT AIR PERMEAMETER AND EVALUATION OF ITS USE.
PB-173 487 13B U41 24 HC$ 6.00 MF$ 1.25

IIT RESEARCH INST., CHICAGO, ILL.
FAILURE MECHANISMS IN RESISTORS.
AD-641 858 9A T66 24 HC$ 4.00 MF$ 0.75

GRAPHITE-METAL COMPOSITES FINAL REPORT, 1 AUG. 1965 - 31 JUL. 1966.
N66-34066 13H S04 19 HC$ 4.00 MF$ 0.75

ILLINOIS UNIV., URBANA.
MEASURE ALGEBRAS AND SPECTRAL REPRESENTATIONS.
AD-641 576 12A T66 24 HC$ 2.00 MF$ 0.50

AN INTERNAL FRICTION STUDY OF VACANCIES IN A QUENCHED AU-NI SOLID SOLUTION.
AD-641 786 11F T66 24

ANNEALING OF NEUTRON-IRRADIATION-INDUCED CHANGES IN IMPURITY CONDUCTION IN ANTIMONY- DOPED GERMANIUM.
N66-33386 20L S04 19 HC$ 1.00 MF$ 0.50

ILLINOIS UNIV., URBANA. COORDINATED SCIENCE LAB.
LECTURES ON RELATIVITY THEORY.
AD-641 832 20J T66 24 HC$ 5.00 MF$ 1.00

PROGRESS REPORT FOR MARCH-AUGUST, 1966.
AD-641 851 5A T66 24 HC$ 6.00 MF$ 1.25

AN EVALUATION OF A BAKEOUT PROCEDURE FOR SMALL GLASS ULTRAHIGH VACUUM SYSTEMS.
N66-34048 13H S04 19 HC$ 1.00 MF$ 0.50

RESEARCH RELATED TO AN EXPERIMENTAL TEST OF GENERAL RELATIVITY SEMIANNUAL STATUS REPORT, 1 JAN. - 30 JUN. 1966.
N66-34067 20J S04 19 HC$ 2.00 MF$ 0.50

ILLINOIS UNIV., URBANA. DEPT. OF CIVIL ENGINEERING.
FATIGUE OF PLATES AND WELDMENTS IN HY-100 AND HY-130/150 STEELS.
AD-480 198 20K U41 24 HC$ 4.00 MF$ 0.75

BEHAVIOR OF CONTINUOUS PRESTRESSED CONCRETE BEAMS.
PB-173 406 13H U41 24 HC$ 2.00 MF$ 0.50

A PRACTICAL ANALYSIS OF THE ANCHORAGE ZONE PROBLEM IN PRESTRESSED BEAMS.
PB-173 409 20K U41 24 HC$ 3.00 MF$ 0.50

ILLINOIS UNIV., URBANA. DEPT. OF ELECTRICAL ENGINEERING.
A DISTORTION ANALYSIS OF THE MOS TRANSISTOR.
AD-641 306 9A T66 24 HC$ 2.00 MF$ 0.50

COMPUTER DESIGN OF LINEAR FREQUENCY SELECTIVE NETWORKS.
AD-641 489 9E T66 24

ILLINOIS UNIV., URBANA. DEPT. OF MINING, METALLURGICAL, AND PETROLEUM ENGINEERING.
DIFFUSION OF V48 AND FE59 IN VANADIUM.
AD-641 780 11F T66 24

ILLINOIS UNIV., URBANA. DEPT. OF MINING, METALLURGY, AND PETROLEUM ENGINEERING.
ANISOTROPY OF THE SNOEK PHENOMENON IN NIOBIUM.
AD-641 785 11F T66 24

ILLINOIS UNIV., URBANA. DEPT. OF PHYSICS.
ELECTRICAL RESISTIVITY OF THE SIMPLE METALS.
AD-641 492 20C T66 24

LINEAR RESPONSE FUNCTIONS AND THE PHENOMENOLOGICAL EQUATIONS OF INTERNAL FRICTION.
AD-641 535 20K T66 24

K BAND IN COLORED ALKALI HALIDE CRYSTALS,

AD-641 770 20L T66 24

OPTICAL ABSORPTION AND PHOTOCONDUCTIVITY IN THE K BAND OF SOME COLORED ALKALI HALIDES.
AD-641 771 20L T66 24

AN EXPERIMENTAL INVESTIGATION OF RADIATION EFFECTS IN SEMICONDUCTORS SEMIANNUAL STATUS REPORT, 1 JAN. - 30 JUN. 1966.
N66-34068 20L S04 19 HC$ 1.00 MF$ 0.50

ILLINOIS UNIV., URBANA. DEPT. OF THEORETICAL AND APPLIED MECHANICS.
MECHANISMS OF ENVIRONMENT INDUCED SUBCRITICAL FLAW GROWTH IN AISI 4340 STEEL.
AD-641 607 11F T66 24 HC$ 1.00 MF$ 0.50

ILLINOIS UNIV., URBANA. ELECTRICAL ENGINEERING RESEARCH LAB.
IONOSPHERIC RESEARCH.
AD-641 795 4A T66 24 HC$ 2.00 MF$ 0.50

ILLINOIS UNIV., URBANA. ENGINEERING EXPERIMENT STATION.
AN EXPERIMENTAL AND THEORETICAL INVESTIGATION OF THE THERMAL CONTACT RESISTANCE FINAL REPORT.
N66-32804 20M S04 19 HC$ 2.50 MF$ 0.75

ILLINOIS UNIV., URBANA. HIGHWAY RESEARCH LAB.
SPLIT-TENSILE STRENGTH OF LIME-STABILIZED SOILS.
PB-173 497 8M U41 24 HC$ 1.00 MF$ 0.50

IMPERIAL COLL. OF SCIENCE AND TECHNOLOGY, LONDON (ENGLAND). DEPT. OF MECHANICAL ENGINEERING.
SOLID CARBON-DIOXIDE SUBLIMATION AT AN AXISYMMETRIC STAGNATION POINT.
AD-641 420 20M T66 24

INDATACOM CORP., NEWTON, MASS.
AN UNATTENDED METEOR TRAIL HIGH ALTITUDE WIND AND DENSITY MEASURING SET.
AD-482 811 3B U41 24 HC$ 2.00 MF$ 0.50

INDIANA UNIV., BLOOMINGTON.
DIFFERENTIAL REINFORCEMENT OF SEMANTICALLY CONDITIONED RESPONSES TRANSFER EFFECTS DURING INTERROGATION.
AD-641 624 5J T66 24 HC$ 3.00 MF$ 0.50

INDIA. DEPT. OF ATOMIC ENERGY, BOMBAY.
SCIENCE AND THE PROBLEMS OF DEVELOPMENT.
N66-33134 5C S04 19 HC$ 1.00 MF$ 0.50

INDUSTRIAL LAB, MARE ISLAND NAVAL SHIPYARD, VALLEJO, CALIF.
STABILIZATION OF MONETHANOLAMINE WITH COPPER SULFATE AND POTASSIUM IODIDE IN THE MARE ISLAND CO2 SCRUBBER,
AD-289 742 13J U41 24 HC$ 1.60

INSTITUTE FOR ADVANCED STUDY, PRINCETON, N. J.
THE REDUCTION OF A FUNCTION NEAR A NONDEGENERATE CRITICAL POINT,
AD-641 510 12A T66 24

A MODEL NON-DEGENERATE FUNCTION,
AD-641 514 12A T66 24

INSTITUTE FOR DEFENSE ANALYSES, ARLINGTON, VA.
MULTIPLE ACCESS TO A COMMUNICATION SATELLITE WITH A HARD-LIMITING REPEATER. VOLUME I. MODULATION TECHNIQUES AND THEIR APPLICATIONS,
AD-457 945 22B U41 24 HC$ 3.00

MULTIPLE ACCESS TO A COMMUNICATION SATELLITE WITH A HARD-LIMITING REPEATER,
AD-465 789 22B U41 24 HC$ 6.00 MF$ 1.50

INSTITUTE FOR DEFENSE ANALYSES, ARLINGTON, VA. RESEARCH AND ENGINEERING SUPPORT DIV.
SOME PROBLEMS IN COST ANALYSIS.
AD-469 248 14A U41 24 HC$ 2.00 MF$ 0.50

INSTITUTE FOR DEFENSE ANALYSIS, ARLINGTON, VA. RESEARCH AND ENGINEERING SUPPORT DIV.
CONVERGENT TRANSPORT COEFFICIENTS OF PLASMA.
AD-641 429 20I T66 24 HC$ 4.00 MF$ 0.75

INSTITUTE FOR DEFENSE ANALYSIS, ARLINGTON, VA. RESEARCH AND ENGINEERING SUPPORT DIV.
RESOLUTION OF MULTIPLE TARGETS IN CLUTTER.
AD-641 430 17I T66 24 HC$ 3.00 MF$ 0.75

INSTITUTE OF MODERN LANGUAGES, INC., WASHINGTON, D. C.
NEW FINDINGS ON ANODIC OXIDATION OF ALUMINUM,
AD-641 932 11F T66 24 HC$ 1.00 MF$ 0.50

INSTITUTO DE INVESTIGACION AERONAUTICA Y ESPACIAL, BUENOS AIRES (ARGENTINA). LABORATORIO DE RADIACIONES.
QUEERNESSES IN THE DEFORMATION CHART.
AD-641 463 20H T66 24 HC$ 2.00 MF$ 0.50

DISINTEGRATION OF SN113,
AD-641 746 18H T66 24 HC$ 2.00 MF$ 0.50

INSTITUTO NACIONAL DE TECNICA AEROESPACIAL, MADRID (SPAIN).
RECENT RESEARCH IN SUPERSONIC COMBUSTION AT INTA,
AD-641 758 21B T66 24 HC$ 1.00 MF$ 0.50

INSTITUTT FOR ATOMENERGI, KJELLER (NORWAY).
SURVEY OF ACTIVITIES 1965,
PB-173 472 1B U41 24 HC$ 12.60 MF$ 0.75

INTERNATIONAL ATOMIC ENERGY AGENCY, VIENNA (AUSTRIA).
NEUTRON DETECTORS.
N66-33135 18D S04 19 HC$ 7.10 MF$ 2.25

IOWA AGRICULTURAL AND HOME ECONOMICS EXPERIMENT STATION, AMES. DEPT. OF SOCIOLOGY AND ANTHROPOLOGY.
ADOPTION OF PUBLIC FALLOUT SHELTERS, A 1964 NATIONAL STUDY.
AD-641 645 15C T66 24 HC$ 7.00 MF$ 1.75

AD-641 646 15C T66 24 HC$ 2.00 MF$ 0.50

IOWA STATE UNIV., IOWA CITY.
CONVEXITY WITH RESPECT TO EULER-LAGRANGE DIFFERENTIAL OPERATORS,
AD-641 688 12A T66 24

A CLASS OF MONOTONE RICCATI MATRIX DIFFERENTIAL OPERATORS,
AD-641 702 12A T66 24

ISRAEL PROGRAM FOR SCIENTIFIC TRANSLATIONS, LTD., JERUSALEM.
PHYSICS OF THE MOON AND THE PLANETS.
N66-33526 3B S04 19 HC$ 4.00 MF$ 1.00

ITT INDUSTRIAL LABS., FORT WAYNE, IND.
ULTRAVIOLET GENERATOR STUDY.
AD-641 674 20F T66 24 HC$ 3.00 MF$ 0.75

ITT RESEARCH INST., CHICAGO, ILL.
AURORA AND AIRGLOW, ADVANCED STUDY INSTITUTE, KEELE (ENGLAND), AUGUST 15-26, 1966.
AD-641 422 4A T66 24 HC$ 2.00 MF$ 0.50

JAPAN ATOMIC ENERGY RESEARCH INST., TOKYO. REACTOR PHYSICS DIV.
EFFECTIVE CADMIUM CUTOFF ENERGY FOR CYLINDRICAL DETECTORS WITH CYLINDRICAL FILTERS.
N66-38351 18D S04 23 HC$ 1.00 MF$ 0.50

JET PROPULSION CENTER, PURDUE UNIV., LAFAYETTE, IND.
HIGH FREQUENCY COMBUSTION PRESSURE OSCILLATIONS IN MOTORS BURNING GASEOUS PROPELLANTS,
AD-478 023 21M U41 24 HC$ 3.00 MF$ 0.75

JET PROPULSION LAB., CALIF. INST. OF TECH., PASADENA.
A STUDY OF SECONDARY INJECTION OF GASES INTO A SUPERSONIC FLOW.
N66-32724 20D S04 19 HC$ 2.50 MF$ 0.75

LARGE DEFLECTION AND STABILITY ANALYSIS BY THE DIRECT STIFFNESS METHOD.
N66-32725 20K S04 19 HC$ 2.00 MF$ 0.50

MARINER MARS 1964 PROJECT REPORT - MISSION AND SPACECRAFT DEVELOPMENT. VOLUME - I- APPENDIXES.
N66-33718 22B S04 19 HC$ 6.12 MF$ 6.54

SURFACE ADSORPTION IN MAGNESIUM OXIDE.
N66-33769 7B S04 19 HC$ 1.00 MF$ 0.50

PLANETARY SPECTRA BY FOURIER SPECTROSCOPY. I - MARS.
N66-33770 3A S04 19 HC$ 2.50 MF$ 0.50

RADIATION MEASUREMENT TECHNIQUES.
N66-33771 14B S04 19 HC$ 2.00 MF$ 0.50

GROUND TEST SIMULATION OF LIFT-OFF AND TRANSONIC VIBRATION EXCITATION MECHANISMS ON THE RANGER SPACECRAFT.
N66-37642 22B S04 23 HC$ 1.00 MF$ 0.50

PROPELLANT EXPULSION IN UNMANNED SPACECRAFT.
N66-37804 21M S04 23 HC$ 2.50 MF$ 0.75

AN EXPERIMENTAL EVALUATION OF 100-LB-THRUST ABLATIVELY COOLED ROCKET ENGINES.
N66-37805 21M S04 23 HC$ 2.00 MF$ 0.50

RANGER BLOCK III ATTITUDE CONTROL SYSTEM - MANUFACTURING, TESTING, AND PERFORMANCE.
N66-38501 22B S04 23 HC$ 3.00 MF$ 0.75

EXPERIMENTAL INVESTIGATION OF A CONFINED, JET- DRIVEN WATER VORTEX.
N66-38502 20D S04 23 HC$ 2.00 MF$ 0.50

AN EXPERIMENTAL EVALUATION OF 100-LB-THRUST ABLATIVELY COOLED ROCKET ENGINES.
N66-38503 21M S04 23 HC$ 2.00 MF$ 0.50

ALGORITHMIC COMPLEXITY.
N66-38504 12A S04 23 HC$ 1.00 MF$ 0.50

MARINER - JOURNEY AROUND THE SUN.
N66-38505 22A S04 23 HC$ 1.00 MF$ 0.50

SPACE PROGRAMS SUMMARY NO. 37-40, VOLUME VI FOR THE PERIOD MAY 1 TO JUNE 30, 1966. SPACE EXPLORATION PROGRAMS AND SPACE SCIENCES.
N66-38506 22B S04 23 HC$ 2.50 MF$ 0.75

SPACE PROGRAMS SUMMARY NO. 37-40, VOLUME III FOR THE PERIOD MAY 1, 1966 TO JUNE 30, 1966. THE DEEP SPACE NETWORK.
N66-38546 9F S04 23 HC$ 3.00 MF$ 1.00

DENSITY, VAPOR PRESSURE, AND VISCOSITY OF SOLUTIONS OF HYDRAZINE MONONITRATE IN HYDRAZINE.
N66-38789 7D S04 23 HC$ 1.00 MF$ 0.50

JOHNS HOPKINS UNIV., BALTIMORE, MD.
SOME DESIGN FACTORS AFFECTING THE SPEED OF IDENTIFICATION OF RANGE RINGS ON POLAR COORDINATE DISPLAYS,
AD-50 619 5E U41 24 HC$ 2.60

ULTRAVIOLET MEASUREMENTS IN PLANETARY ATMOSPHERES.

N66-38722 4A S04 23 HC$ 2.00 MF$ 0.50

JOHNS HOPKINS UNIV., BALTIMORE, MD. DEPT. OF STATISTICS.
A BAYESIAN STUDY OF THE MULTINOMIAL DISTRIBUTION,
AD-641 888 12A T66 24 HC$ 2.00 MF$ 0.50

JOHNS HOPKINS UNIV., BALTIMORE, MD. LAB. OF ASTROPHYSICS AND PHYSICAL METEOROLOGY.
STRENGTH-HALF-WIDTH PRODUCTS OF SELF-BROADENED LINES IN THE 6.3 MICRON BAND OF WATER VAPOR,
PB-173 429 4A U41 24 HC$ 3.00 MF$ 0.75

JOHNS HOPKINS UNIV., JAMESTOWN, R. I. SYSTEMS RESEARCH FIELD LAB.
AN AUDIO TIMER.
AD-44 181 9E U41 24 HC$ 3.60

JOHNS HOPKINS UNIV., SILVER SPRING, MD. APPLIED PHYSICS LAB.
LINE SCAN TELEVISION FOR EARTH OBSERVATION SATELLITES.
AD-641 501 17B T66 24 HC$ 2.00 MF$ 0.50

STANDARDS AND SPECIFICATIONS FOR MYLAR FAN-FOLDED PERFORATOR TAPE TO BE USED WITH THE AN/BRN-3 RADIO NAVIGATION SET.
AD-641 502 17G T66 24 HC$ 1.00 MF$ 0.50

THE DETERMINATION OF FLAME SPEED OF PENTABORANE-OXYGEN-NITROGEN MIXTURES,
AD-641 503 21B T66 24 HC$ 2.00 MF$ 0.50

RELATIVISTIC EFFECT ON THE CLASSICAL DOPPLER SHIFT AN ANNOTATED BIBLIOGRAPHY,
AD-641 504 20N T66 24 HC$ 1.00 MF$ 0.50

KAKIOKA MAGNETIC OBSERVATORY (JAPAN).
GEOMAGNETIC AND GEOELECTRIC OBSERVATIONS, 1964 (RAPID VARIATIONS).
N66-33118 3B S04 19 HC$ 4.00 MF$ 1.00

GEOMAGNETISM, MEMAMBETSU 1960.
N66-33708 8N S04 19 HC$ 4.00 MF$ 1.00

REPORT OF THE KAKIOKA MAGNETIC OBSERVATORY, GEOELECTRICITY, KANOYA, 1957-1959.
N66-33774 8N S04 19 HC$ 3.75 MF$ 1.50

KANSAS STATE UNIV., MANHATTAN.
VERBAL CODING AND DISPLAY CODING IN THE ACQUISITION AND RETENTION OF TRACKING SKILL,
AD-641 623 5J T66 24

KANSAS UNIV., LAWRENCE.
ASSOCIATIVE RETRIEVAL BY DYNAMIC TRANSFORMS.
N66-33416 5B S04 19 HC$ 1.00 MF$ 0.50

KANSAS UNIV., LAWRENCE. ENGINEERING SCIENCE DIV.
USE OF ORBITAL RADARS FOR GEOSCIENCE INVESTIGATIONS.
N66-32758 8B S04 19 HC$ 2.00 MF$ 0.50

RADAR AS A REMOTE SENSOR.
N66-32761 17I S04 19 HC$ 2.50 MF$ 0.50

KENT STATE UNIV., OHIO. DEPT. OF MATHEMATICS.
ON DIRECTED GRAPHS AND RELATED TOPOLOGICAL SPACES TECHNICAL REPORT NO. 2.
N66-33402 12A S04 19 HC$ 2.00 MF$ 0.50

ON DIAMETERS OF GRAPHS AND DIGRAPHS.
N66-34075 12A S04 19 HC$ 2.00 MF$ 0.50

KJELLER RESEARCH ESTABLISHMENT (NORWAY). INSTITUTT FOR ATOMENERGI.
MAGNA, A MULTI-SOURCE GAMMA SHIELDING PROGRAMME.
PB-173 478 18F U41 24 HC$ 3.00 MF$ 0.75

KRUEGER (JOHN W.) RESEARCH LAB., MADISON, WIS.
COMPOUNDS TO CHANGE COLOR WITH ENVIRONMENTAL CHANGE.
AD-483 658 15G U41 24 HC$ 2.00

LABORATORY OF AVIATION PSYCHOLOGY, OHIO STATE UNIV., RESEARCH FOUNDATION, COLUMBUS.
AN INITIAL EVALUATION OF A VIBROTACTILE DISPLAY IN COMPLEX CONTROL TASKS,
PB-173 174 5E U41 24 HC$ 1.60 MF$ 0.50

LAMONT GEOLOGICAL OBSERVATORY, PALISADES, N. Y.
EXCITATION OF SURFACE WAVES BY THE UNDERGROUND NUCLEAR EXPLOSION LONG SHOT,
AD-642 802 8K T66 24

LESSELLS AND ASSOCIATES, INC., WALTHAM, MASS.
RESIDUAL STRESSES IN 17-4 PH STEEL.
N66-33498 11F S04 23 HC$ 2.50 MF$ 0.75

LINCOLN LAB., MASS. INST. OF TECH., LEXINGTON.
HEURISTIC ASPECTS OF THE ARTIFICIAL INTELLIGENCE PROBLEM.
AD-236 885 6D U41 24 HC$ 8.60

A TRANSISTORIZED FREQUENCY STANDARD.
AD-251 107 9E U41 24 HC$ 1.60

SOLID STATE RESEARCH.
AD-641 498 28L T66 24 HC$ 3.00 MF$ 0.75

HAYSTACK POINTING SYSTEM RADAR COORDINATE CORRECTION.
AD-641 683 17I T66 24 HC$ 2.00 MF$ 0.50

GENERAL-PURPOSE I/O CHANNEL AND INTERFACE FOR HAYSTACK 490 COMPUTER.
AD-641 648 17I T66 24 HC$ 2.00 MF$ 0.50

HAYSTACK POINTING SYSTEM DIGITAL EQUIPMENT ORGANIZATION.
AD-641 641 17I T66 24 HC$ 1.00 MF$ 0.50

DIRECTIVITY OF AN ARRAY OF SLOTS ON THE SURFACE OF A CYLINDER.
AD-641 959 9E T66 24 HC$ 2.00 MF$ 0.50

LING-TEMCO-VOUGHT, INC., DALLAS, TEX.
EFFECTS OF PERIODIC BLOWING THROUGH FLUSH TRANSVERSE SLOTS ON TURBULENT BOUNDARY LAYER SKIN FRICTION.
N66-38804 1A S04 23 HC$ 2.50 MF$ 0.75

LING-TEMCO-VOUGHT, INC., DALLAS, TEX. ASTRONAUTICS DIV.
REMOTE MAN-MACHINE CONTROL SYSTEM EVALUATION FINAL REPORT.
N66-32800 5H S04 19 HC$ 3.75 MF$ 1.25

LING-TEMCO-VOUGHT, INC., DALLAS, TEX. LTV ASTRONAUTICS DIV.
SOLAR ACTIVITY CATALOGUE. VOLUME I - CATALOGUE OF SOLAR ACTIVITY DURING 1954 - 1956.
N66-33431 4A S04 19 HC$ 5.00 MF$ 1.25

LITTLE (ARTHUR D.), INC., CAMBRIDGE, MASS.
FEASIBILITY STUDY OF THIN FILM TUNNEL CATHODES.
N66-38753 9A S04 23 HC$ 2.00 MF$ 0.50

LIVINGSTON ELECTRONIC CORP., MONTGOMERYVILLE, PA.
DEVELOPMENT OF HIGH ENERGY DENSITY PRIMARY BATTERIES FOURTH QUARTERLY REPORT, 22 MAR. - 21 JUN. 1966.
N66-37665 10C S04 23 HC$ 2.50 MF$ 0.75

LOBUND LAB., UNIV. OF NOTRE DAME, IND.
LYMPHOCYTOPOIESIS, PLASMACYTOPOIESIS AND CELLULAR PROLIFERATION IN NONANTIGENICALLY STIMULATED GERMFREE MICE.
AD-641 835 6E T66 24

CELLULAR AND HUMORAL IMMUNE RESPONSE OF GERMFREE MICE STIMULATED WITH 7S HGG OR SALMONELLA TYPHIMURIUM.
AD-641 836 6E T66 24

LOCKHEED ELECTRONICS CO., PLAINFIELD, N. J.
PULSE COMPRESSION OPTICAL RANGING STUDY,
AD-465 151 20C U41 24 HC$ 2.00 MF$ 0.50

LOCKHEED MISSILES AND SPACE CO., PALO ALTO, CALIF.
PRODUCTION AND STUDY OF A CESIUM PLASMA IN THERMODYNAMIC EQUILIBRIUM.
AD-641 854 20I T66 24 HC$ 2.00 MF$ 0.50

LOCKHEED MISSILES AND SPACE CO., SUNNYVALE, CALIF.
STUDY OF HEAT SHIELDING REQUIREMENTS FOR MANNED MARS LANDING AND RETURN MISSIONS FINAL REPORT.
N66-32717 20M S04 19 HC$ 3.00 MF$ 0.75

STUDY TO DEFINE AGENA VIBRATION AND ACOUSTIC ENVIRONMENT.
N66-38495 22B S04 23 HC$ 3.75 MF$ 1.50

LOCKHEED-CALIFORNIA CO., BURBANK, CALIF.
WINGED HULL - STABILITY AND CONTROL STUDY,
AD-641 901 20D T66 24 HC$ 5.00 MF$ 1.00

LOUISIANA DEPT. OF HIGHWAYS.
NUCLEAR MOISTURE-DENSITY EVALUATION. PART II.
PB-173 421 13B U41 24 HC$ 2.00 MF$ 0.50

LOUISIANA STATE UNIV., BATON ROUGE. DIV. OF ENGINEERING RESEARCH.
FLOW LOSSES IN FLEXIBLE HOSE QUARTERLY PROGRESS REPORT NO. 4, MAR. 14 - JUN. 14, 1965.
N66-33495 20D S04 19 HC$ 2.50 MF$ 0.75

LOUISIANA STATE UNIV., BATON ROUGE. COASTAL STUDIES INST.
GEOLOGY AND GEOMORPHOLOGY OF THE COASTAL PLAIN RIO GRANDE DO SUL, BRAZIL AND NORTHERN URGUAY.
AD-641 402 8G T66 24 HC$ 3.00 MF$ 0.75

LOUVAIN UNIV. (BELGIUM). CARDIOPULMONARY LAB.
BEAT TO BEAT REGULATION OF THE PULMONARY CIRCULATION IN CONSCIOUS DOGS. THE EFFECTS OF NORMAL RESPIRATION.
N66-38228 6P S04 23 HC$ 2.00 MF$ 0.50

LOUVAIN UNIV. (BELGIUM). DEPT. OF APPLIED MECHANICS.
DYNAMIC BEHAVIOR OF SHELLS UNDER THERMAL STRESS SCIENTIFIC REPORT.
N66-33595 20K S04 19 HC$ 4.00 MF$ 0.75

MAINE STATE HIGHWAY COMMISSION. TESTING AND PLANNING DIV.
MAINE TEST FOR DELETERIOUS MATERIAL IN AGGREGATES.
PB-173 362 13B U41 24 HC$ 2.60 MF$ 0.50

MAINE UNIV., ORONO, DEPT. OF PHYSICS.
INFLUENCE OF ELECTRIC AND MAGNETIC FIELDS ON THE MOLECULAR ALIGNMENT IN THE LIQUID CRYSTAL ANISAL-P-AMINOAZOBENZENE.
AD-641 784 7D T66 24

MARINE ENGINEERING LAB., ANNAPOLIS, MD.
AN ANALYTICAL STUDY OF THIN FLUID FILMS IN FACETYPE SHAFT SEALS,
AD-460 741 11A U41 24 HC$ 4.00

MARTIN CO., BALTIMORE, MD.
NATIONAL CONFERENCE ON SPACE MAINTENANCE AND EXTRA-VEHICULAR ACTIVITIES.
AD-641 695 22A T66 24 MF$ 2.25

STUDY OF LOCAL FLOW CONDITIONS OVER A HEMISPHERICALLY BLUNTED 25 DEG CONE FOR A SHALLOW RE-ENTRY TRAJECTORY.
N66-33979 22C S04 19 HC$ 2.00 MF$ 0.50

MARTIN CO., DENVER, COLO.
INVESTIGATION OF THE RELIABILITY OF STERILE INSERTION TECHNIQUES FOR SPACECRAFT MONTHLY LETTER REPORT, 23 JUN.

23 JUL. 1966.
N66-32969 13H S04 19 HC$ 2.00 MF$ 0.50

STUDY OF CONTAMINATION SENSORS. VOLUME II - FINAL TECHNICAL REPORT.
N66-37943 14B S04 23 HC$ 7.00 MF$ 2.00

STUDY OF CONTAMINATION SENSORS. VOLUME I - EXECUTIVE SUMMARY REPORT.
N66-37944 14B S04 23 HC$ 2.00 MF$ 0.50

MARTIN CO., DENVER, COLO. CENTER FOR HIGH ENERGY FORMING.
QUARTERLY TECHNICAL PROGRESS REPORT NO. 5, OF TECHNICAL PROGRESS,
AD-641 407 13H T66 24 HC$ 4.00 MF$ 0.75

MARYLAND UNIV., COLLEGE PARK. DEPT. OF AEROSPACE ENGINEERING.
AEROSPACE ENGINEERING 1966,
AD-641 434 20D T66 24 HC$ 5.00 MF$ 1.00

MARYLAND UNIV., COLLEGE PARK. DEPT. OF CHEMISTRY.
CHEMICAL RESEARCH ON POLYPHENYLS.
AD-641 975 7C T66 24 HC$ 3.00 MF$ 0.75

MARYLAND UNIV., COLLEGE PARK. DEPT. OF PHYSICS AND ASTRONOMY.
OPERATOR AND GENERALIZED GAUGE TRANSFORMATIONS IN QUANTUM ELECTRODYNAMICS,
AD-641 616 20J T66 24

FEYNMAN RULES AND FEYNMAN INTEGRALS FOR SYSTEM WITH HIGHER-SPIN FIELDS,
AD-641 617 20J T66 24

A USEFUL RELATION AMONG CASIMIR OPERATORS,
AD-641 618 20J T66 24

USE OF UNITARITY IN PROVING POMERANCHUK S THEOREM ON CROSS SECTIONS AT HIGH ENERGIES,
AD-641 619 20J T66 24

V(THETA)-BOUND STATE AND UNIQUENESS IN THE THREE-PARTICLE SECTOR OF THE LEE MODEL,
AD-641 622 20J T66 24

FICTITIOUS NATURE OF CORE TERM IN EXCHANGE AMPLITUDE FOR ELECTRON-ATOM SCATTERING,
AD-641 625 20J T66 24

POLARIZATION OF A DECAY PARTICLE IN A TWO-STEP PROCESS APPLICATION TO NEGATIVE-KAON + PROTON TO NEUTRAL-PION + NEUTRAL-SIGMA HYPERON, NEUTRAL-SIGMA HYPERON TO GAMMA RAY + LAMBDA HYPERON,
AD-641 626 20H T66 24

EQUIVALENCE OF LOCALITY AND PARALOCALITY IN FREE PARAFIELD THEORY,
AD-641 627 20J T66 24

MARYLAND UNIV., COLLEGE PARK. INST. FOR FLUID DYNAMICS AND APPLIED MATHEMATICS.
REMARKS ON A GENERALIZATION OF BANACH S PRINCIPLE OF CONTRACTION MAPPINGS,
AD-641 530 12A T66 24

ON THE DIFFERENCE EQUATION Y(X+1) -- Y(X) = F(X),
AD-641 531 12A T66 24

COMPLEMENTARY INEQUALITIES IV INEQUALITIES COMPLEMENTARY TO CAUCHY S INEQUALITY FOR SUMS OF COMPLEX NUMBERS,
AD-641 723 12A T66 24

A GENERALIZED GOURSAT PROBLEM FOR ELLIPTIC EQUATIONS,
AD-641 724 12A T66 24

MARYLAND UNIV., COLLEGE PARK. INST. FOR MOLECULAR PHYSICS.
HEAT CONDUCTIVITY OF POLYATOMIC AND POLAR GASES AND GAS MIXTURES.
N66-33184 20M S04 19 HC$ 3.00 MF$ 0.75

HIGHER-ORDER STATIONARY PHASE APPROXIMATIONS IN SEMICLASSICAL SCATTERING.
N66-33384 20M S04 19 HC$ 2.00 MF$ 0.50

COLLISION INTEGRALS FOR THE EXPONENTIAL ATTRACTIVE POTENTIAL.
N66-33415 20M S04 19 HC$ 1.00 MF$ 0.50

MARYLAND UNIV., COLLEGE PARK. INST. OF FLUID DYNAMICS AND APPLIED MATHEMATICS.
SOME RESULTS IN INTERMEDIATE PROBLEMS FOR EIGENVALUES,
AD-641 721 12A T66 24

A NEW METHOD IN THE THEORY OF POTENTIAL SCATTERING,
AD-641 722 20J T66 24

MARYLAND UNIV., COLLEGE PARK. INST. FOR FLUID DYNAMICS AND APPLIED MATHEMATICS.
SOME APPLICATIONS OF THE NEW MAXIMUM-MINIMUM THEORY OF EIGENVALUES,
AD-641 532 12A T66 24

MASON RESEARCH INST., WORCESTER, MASS.
TOXICOLOGIC EVALUATION OF ABBOTT CRYSTALLINE ANTIBIOTIC NSC-51954 (CLINICAL FORMULATION),
PB-173 462 6D U41 24 HC$ 1.00 MF$ 0.50

ASSAY OF CARCINOGENICITY OF VARIOUS CHEMICALS. SUPPLEMENT I.
PB-173 466 6D U41 24 HC$ 3.00 MF$ 0.75

ASSAY OF CARCINOGENICITY OF VARIOUS CHEMICALS.
PB-173 467 6D U41 24 HC$ 2.00 MF$ 0.50

MASSACHUSETTS INST. OF TECH., CAMBRIDGE.
FACTORIZATION THEOREMS FOR BANACH ALGEBRAS,
AD-641 464 12A T66 24

RADIATION COUPLED WEDGE FLOWS.
AD-641 886 20D T66 24

RESEARCH IN PSYCHOBIOLOGY.
N66-33445 5J S04 19 HC$ 1.00 MF$ 0.50

MASSACHUSETTS INST. OF TECH., CAMBRIDGE. DEPT. OF MATHEMATICS.
REGULAR BOUNDARY POINTS IN MARKOV CHAINS,
AD-641 465 12A T66 24

A THEOREM OF LITTLEWOOD AND LACUNARY SERIES FOR COMPACT GROUPS,
AD-641 466 12A T66 24

A NOTE ON THE WESTERN INTENSIFICATION OF THE OCEANIC CIRCULATION,
AD-641 732 8C T66 24

MASSACHUSETTS INST. OF TECH., CAMBRIDGE. DEPT. OF ELECTRICAL ENGINEERING.
ANALOG CIRCUIT FOR DETERMINING THE RATIO AND PRODUCT OF TWO TIME FUNCTIONS.
N66-33179 9A S04 19 HC$ 1.00 MF$ 0.50

MASSACHUSETTS INST. OF TECH., CAMBRIDGE. DEPT. OF GEOLOGY AND GEOPHYSICS.
SPEED OF SOUND IN UNCONSOLIDATED SEDIMENTS OF BOSTON HARBOR, MASSACHUSETTS.
AD-641 392 20A T66 24 HC$ 3.00 MF$ 0.75

AN UNDERWATER SOUND SYSTEM USED FOR ACCURATE POSITIONING.
AD-641 393 17G T66 24 HC$ 2.00 MF$ 0.50

SATURATED HYDROCARBONS IN MARINE PLANTS AND SEDIMENTS.
AD-641 436 8A T66 24 HC$ 3.00 MF$ 0.75

MASSACHUSETTS INST. OF TECH., CAMBRIDGE. ELECTRONIC SYSTEMS LAB.
MINIMAX CONTROLS OF UNCERTAIN SYSTEMS.
N66-33441 9B S04 19 HC$ 5.00 MF$ 1.25

COMPUTER-AIDED ELECTRONIC CIRCUIT DESIGN. CONDUCTION PROCESSES IN THIN FILMS STATUS REPORT, 1 DEC. 1965 - 31 MAY 1966.
N66-37981 9C S04 23 HC$ 2.00 MF$ 0.50

MASSACHUSETTS INST. OF TECH., CAMBRIDGE. FLUID MECHANICS LAB.
WAVES IN FLUID-FILLED ELASTIC TUBES,
PB-173 453 20D U41 24 HC$ 3.00 MF$ 0.75

MASSACHUSETTS INST. OF TECH., CAMBRIDGE. RESEARCH LAB. OF ELECTRONICS.
WHAT S IN THE BRAIN THAT INK MAY CHARACTER (QUES).
N66-33422 5F S04 19 HC$ 1.00 MF$ 0.50

MASSACHUSETTS INST. OF TECH., CAMBRIDGE. HYDRODYNAMICS LAB.
WAVE REFLECTION AND TRANSMISSION IN OPEN CHANNEL TRANSITIONS.
AD-641 348 20D T66 24 HC$ 6.00 MF$ 1.25

MASSACHUSETTS UNIV., AMHERST.
REORIENTATION OF H ATOMS BY PROTON IMPACT.
AD-641 467 20H T66 24

MAX-PLANCK-INSTITUT FUR PHYSIK UND ASTROPHYSIK, MUNICH (WEST GERMANY).
AMBIPOLAR DIFFUSION OF A PLASMA CLOUD IN A MAGNETIC FIELD.
N66-38342 20I S04 23 HC$ 2.00 MF$ 0.50

MOTION OF ARTIFICIAL ION CLOUDS IN THE UPPER ATMOSPHERE.
N66-38343 4A S04 23 HC$ 2.00 MF$ 0.50

PHOTOELECTRIC RECORDING DEVICE OF HIGH SENSITIVITY AND ACCURACY FOR SPECTROGRAPHS.
N66-38780 29F S04 23 HC$ 1.00 MF$ 0.50

MCDONNELL AIRCRAFT CORP., ST. LOUIS, MO.
TECHNICAL AND ECONOMIC EVALUATION OF AIRCRAFT FOR INTERCITY SHORT-HAUL TRANSPORTATION. VOLUME I.
AD-641 506 15E T66 24 HC$ 2.00 MF$ 0.50

TECHNICAL AND ECONOMIC EVALUATION OF AIRCRAFT FOR INTERCITY SHORT-HAUL TRANSPORTATION. VOLUME II.
AD-641 507 15E T66 24 HC$ 5.00 MF$ 1.00

TECHNICAL AND ECONOMIC EVALUATION OF AIRCRAFT FOR INTERCITY SHORT-HAUL TRANSPORTATION. VOLUME III.
AD-641 508 15E T66 24 HC$ 5.00 MF$ 1.00

MECHANICAL TECHNOLOGY, INC., LATHAM, N. Y.
PROCESS FLUID LUBRICATION.
AD-641 369 11H T66 24 HC$ 1.00 MF$ 0.50

MELLON INST., PITTSBURGH, PA.
POWER SERIES REPRESENTATION OF GENERALIZED OSCILLATOR STRENGTHS,
AD-641 449 20H T66 24

WEAK TRANSITIONS IN EXCITATION OF N2 BY ELECTRON IMPACT AND COMPARISON WITH EXCITATION BY ABSORPTION OF RADIATION.
AD-641 454 7B T66 24

THE PROTON MAGNETIC RESONANCE SPECTRA OF OLEFINS. V. 3-CHLORO- AND 3-METHOXYPROPENES.
AD-641 462 7C T66 24

MIAMI UNIV., CORAL GABLES, FLA. INST. FOR MOLECULAR EVOLUTION.
SIMULATION OF ORGANISMIC MORPHOLOGY AND BEHAVIOR BY SYNTHETIC POLY-ALPHA-AMINO ACIDS.
N66-37894 6A S04 23 HC$ 1.00 MF$ 0.50

MICHIGAN STATE UNIV., EAST LANSING. DEPT. OF PHYSICS AND ASTRONOMY.
MAGNETIC AND CALORIC PROPERTIES OF K3MOCL6,
AD-641 549 20L T66 24

FURTHER EVIDENCE FOR A MAGNETIC TRANSITION IN MNCL2. (NH2)2CS)4,
AD-641 550 20L T66 24

MAGNETIC TRANSITION IN THIOUREA-COORDINATED COBALT CHLORIDE,
AD-641 551 20L T66 24

MICHIGAN UNIV., ANN ARBOR.
OPTIMAL LEARNING IN DETECTION SITUATIONS FIRST SEMIANNUAL STATUS REPORT, PERIOD ENDING JUN. 30, 1966.
N66-38705 9J S04 23 HC$ 1.00 MF$ 0.50

MICHIGAN UNIV., ANN ARBOR, COLL. OF ENGINEERING.
DYNAMIC PRESSURE DISTRIBUTION AT THE BASE OF A RIGID FOOTING SUBJECTED TO VIBRATORY LOADS.
AD-450 669 20K U41 24 HC$ 6.00

MICHIGAN UNIV., ANN ARBOR, DEPT. OF ELECTRICAL ENGINEERING.
MEASUREMENTS OF PLASMA ENERGY DENSITY AND CONDUCTIVITY FROM 3 TO 120 KILOBARS.
N66-38710 20I S04 23 HC$ 2.00 MF$ 0.50

MICHIGAN UNIV., ANN ARBOR, DEPT. OF MATHEMATICS.
GENERAL THEORY OF SIMPLE WAVES IN RELAXATION HYDRODYNAMICS,
AD-641 441 20D T66 24

MICHIGAN UNIV., ANN ARBOR, DEPT. OF NUCLEAR ENGINEERING.
CAVITATION DAMAGE AND CORRELATIONS WITH MATERIAL AND FLUID PROPERTIES.
PB-173 484 20D U41 24 HC$ 3.00 MF$ 0.50

MICHIGAN UNIV., ANN ARBOR, HEAT TRANSFER AND THERMODYNAMICS LAB.
PRESSURIZATION OF LIQUID OXYGEN CONTAINERS PROGRESS REPORT NO. 7, NOV. 1963 - NOV. 1964.
N66-33188 20M S04 19 HC$ 3.00 MF$ 0.75

MICHIGAN UNIV., ANN ARBOR, INST. OF SCIENCE AND TECHNOLOGY.
VESIAC MONTHLY BULLETIN OF VELA UNIFORM RESEARCH PUBLICATIONS,
AD-641 905 8K T66 24 HC$ 1.00 MF$ 0.50

MICHIGAN UNIV., ANN ARBOR, MENTAL HEALTH RESEARCH INST.
COMPUTERS IN BEHAVIORAL SCIENCE,
PB-173 514 5G U41 24 HC$ 1.00 MF$ 0.50

MICHIGAN UNIV., ANN ARBOR, RADIATION LAB.
RADIATION OF AN ELEMENTARY CYLINDER ANTENNA THROUGHT A SLOTTED CYCLOSURE.
N66-33366 9F S04 19 HC$ 2.00 MF$ 0.50

HUYGEN S PRINCIPLE IN A MOVING ISOTROPIC HOMOGENEOUS AND LINEAR MEDIUM.
N66-33383 20N S04 19 HC$ 1.00 MF$ 0.50

MICRO STATE ELECTRONICS CORP., MURRAY HILL, N. J.
ACTIVE RC TRANSFER FUNCTION SYNTHESIS BY MEANS OF CASCADED RL AND RC STRUCTURES.
PB-173 175 9E U41 24 HC$ 5.00 MF$ 0.50

MICROWAVE ASSOCIATES, INC., BURLINGTON, MASS.
VARIABLE CAPACITANCE DIODE PRODUCTION ENGINEERING MEASURES PROGRAM.
AD-641 418 9A T66 24 HC$ 2.00 MF$ 0.50

MICROWAVE ELECTRONIC CORP., PALO ALTO, CALIF.
INVESTIGATIONS OF BROADBAND FERROMAGNETIC POWER LIMITERS AND EXPANDERS AS DUPLEXING ELEMENTS FOR MICROWAVE SYSTEMS.
AD-641 994 9E T66 24 HC$ 2.00 MF$ 0.50

MICROWAVE ELECTRONICS CORP., PALO ALTO, CALIF.
DEVELOPMENT OF ELECTRON GUN WITH NON-INTERCEPTING GRIDS,
AD-456 787 9A U41 24 HC$ 1.00

MICROWAVE LAB., STANFORD UNIV., CALIF.
UNSTABLE OPTICAL RESONATORS FOR LASER APPLICATIONS,
AD-460 878 20E U41 24 HC$ 2.00

MIDWEST RESEARCH INST., KANSAS CITY, MO.
FLUTTER OF MULTIPLE-STREAMWISE BAY RECTANGULAR PANELS AT LOW SUPERSONIC MACH NUMBER.
N66-33024 20K S04 19 HC$ 2.00 MF$ 0.50

MINNESOTA UNIV., MINNEAPOLIS.
ON A CLASS OF ADMISSIBLE PARTITIONS,
AD-641 545 12A T66 24

FINITE SETS ON CURVES AND SURFACES,
AD-641 883 12A T66 24

MINNESOTA UNIV., MINNEAPOLIS. DEPT. OF MATHEMATICS.
PSEUDO-MINKOWSKI DIFFERENTIAL GEOMETRY,
AD-641 884 12A T66 24

MINNESOTA UNIV., MINNEAPOLIS. SCHOOL OF MATHEMATICS.
REMOVABLE SINGULARITIES OF SOLUTIONS OF ELLIPTIC EQUATIONS. II,
AD-641 520 12A T66 24

ISOLATED SINGULARITIES OF SOLUTIONS OF QUASI-LINEAR EQUATIONS.
AD-641 521 12A T66 24

MISSISSIPPI UNIV., UNIVERSITY. ENGINEERING EXPERIMENT STATION.
A STUDY OF AN EXPERIMENTAL CONTINUOUSLY REINFORCED CONCRETE PAVEMENT, INTERSTATE NO. 59, JONES COUNTY, MISSISSIPPI.
PB-173 484 13B U41 24 HC$ 5.00 MF$ 1.00

MITRE CORP., BEDFORD, MASS.
STUDIES IN DISPLAY SYMBOL LEGIBILITY. PART XIV. THE LEGIBILITY OF MILITARY MAP SYMBOLS ON TELEVISION,
AD-641 658 5E T66 24 HC$ 2.00 MF$ 0.50

STUDIES OF DISPLAY SYMBOL LEGIBILITY. PART XV, RELATIVE LEGIBILITY OF LEROY AND TELETYPEWRITER SYMBOLS,
AD-641 926 5E T66 24 HC$ 3.00 MF$ 0.75

MOLECULAR PSYCHOBIOLOGY LAB., YORK UNIV., TORONTO (ONTARIO).
MOLECULAR NEUROCHEMISTRY OF THE BRAIN DURING CONDITIONED AVOIDANCE BEHAVIOR.
AD-641 615 5J T66 24 HC$ 2.00 MF$ 0.50

MOORE SCHOOL OF ELECTRICAL ENGINEERING, UNIV. OF PENNSYLVANIA, PHILADELPHIA.
AUTOMATIC INTRODUCTION OF INFORMATION INTO A REMOTE-ACCESS SYSTEM A PHYSICS LIBRARY CATALOG.
AD-641 564 5B T66 24 HC$ 3.00 MF$ 0.75

MOTOROLA, INC., PHOENIX, ARIZ. SEMICONDUCTOR PRODUCTS DIV.
PRODUCTION ENGINEERING MEASURE FOR INSULATED GATE FIELD EFFECT TRANSISTORS.
AD-641 401 9A T66 24 HC$ 3.00 MF$ 0.75

INTEGRATED CIRCUITS FOR FIELDATA COMPUTERS.
AD-641 943 9A T66 24 HC$ 1.00 MF$ 0.50

MOTOROLA, INC., SCOTTSDALE, ARIZ. GOVERNMENT ELECTRONICS DIV.
VEHICLE TRACKING RECEIVER DESIGN,
N66-38787 9F S04 23 HC$ 3.00 MF$ 0.75

MOUNT AUBURN RESEARCH ASSOCIATES, INC., CAMBRIDGE, MASS.
ANALYTIC AND COMPUTER STUDIES OF ELECTRON COLLECTION BY A SPHERICAL SATELLITE IN THE EARTH S MAGNETIC FIELD.
N66-38802 4A S04 23 HC$ 2.50 MF$ 0.75

NARRAGANSETT MARINE LAB., UNIV. OF RHODE ISLAND, KINGSTON.
SOUND PRODUCTION IN THE AMERICAN LOBSTER, HOMARUS AMERICANUS H. MILNE EDWARDS (DECAPODA REPTANTIA),
AD-641 421 6C T66 24

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION, WASHINGTON, D. C.
PROCEEDINGS OF CONFERENCE ON ACTIVE TEMPERATURE CONTROL.
N66-32946 20M S04 19 HC$ 2.50 MF$ 0.75

STRUCTURAL SYSTEMS AND PROGRAM DECISIONS, VOLUME 2.
N66-33076 22B S04 19 HC$ 3.75 MF$ 1.50

MANAGEMENT OF SCIENCE.
N66-33171 9A S04 19 HC$ 1.00 MF$ 0.50

STRUCTURAL APPLICATIONS FOR ADVANCED COMPOSITE MATERIALS.
N66-33172 20K S04 19 HC$ 1.00 MF$ 0.50

THERMAL PROTECTION SYSTEMS, ASPECTS OF THERMAL PROTECTION OF INTEREST TO NASA AND THE RELATED MATERIALS R AND D REQUIREMENTS.
N66-33352 22B S04 19 HC$ 3.75 MF$ 1.25

A NEW APPROACH TO THE HOMOGENIZATION OF HETEROGENEOUS MEDIA FOR NEUTRON DIFFUSION CALCULATIONS.
N66-33373 7D S04 19 HC$ 3.00 MF$ 0.75

DEVELOPMENT OF THERMAL CONTROL COATINGS FOR SPACE VEHICLES.
N66-33378 20M S04 19 HC$ 1.00 MF$ 0.50

AEROSPACE MEDICINE AND BIOLOGY - A CONTINUING BIBLIOGRAPHY WITH INDEXES, JUNE 1966.
N66-33446 6S S04 19 HC$ 1.00 MF$ 1.25

CONTRIBUTION TO THE THEORY OF THE ADSORPTION EFFECT AT THE SURFACE OF SEMICONDUCTORS AND GELS UNDER THE ACTION OF IONIZING RADIATION.
N66-33676 20L S04 19 HC$ 1.00 MF$ 0.50

VAPOR PRESSURE IN SOLID YTTRIUM.
N66-33677 20M S04 19 HC$ 1.00 MF$ 0.50

INVESTIGATION OF WALL SURFACE TEMPERATURE BEHIND A MOVING SHOCK WAVE.
N66-33678 20M S04 19 HC$ 1.00 MF$ 0.50

DETERMINATION OF THE SATURATED VAPOR PRESSURE OF NIOBIUM DIOXIDE.
N66-33679 20M S04 19 HC$ 1.00 MF$ 0.50

ONE NON-LINEAR PROBLEM WITH A FREE BOUNDARY.
N66-33680 12A S04 19 HC$ 1.00 MF$ 0.50

THE PROBLEM OF THE VOLATILITY OF NIOBIUM OXIDES.
N66-33681 7D S04 19 HC$ 1.00 MF$ 0.50

STUDY OF THE PROPAGATION PROCESS OF A REACTION IN SOLID PHASES.
N66-33682 20L S04 19 HC$ 2.00 MF$ 0.50

ORGANIC SEMICONDUCTORS.
N66-33683 20L S04 19 HC$ 2.50 MF$ 0.75

SEPARATION OF SIMPLE SUGARS ON CELLULOSE LAYERS.
N66-33684 6A S04 19 HC$ 1.00 MF$ 0.50

INFRARED QUENCHING OF THE PHOTOVOLTAIC EFFECT IN CADMIUM SULFIDE.
N66-33685 20L S04 19 HC$ 1.00 MF$ 0.50

MEASUREMENTS OF THE INTENSITY OF TURBULENCE IN A GAS FLOW BY THE THERMOELECTRIC METHOD.
N66-33686 20D S04 19 HC$ 1.00 MF$ 0.50

PHASE DIAGRAM AND PROPERTIES OF ALLOYS OF THE ALUMINUM-SCANDIUM SYSTEM.
N66-33687 11F S04 19 HC$ 1.00 MF$ 0.50

REVIEW OF THE PRESENT SITUATION ON LASER RESEARCH.
N66-33688 20E S04 19 HC$ 2.00 MF$ 0.50

FEATURES OF FILM BOILING IN SURFACE WATER COOLING.
N66-33689 20M S04 19 HC$ 1.00 MF$ 0.50

HEAT-RESISTANT CHROMIUM CARBIDE COATING WITH A SILICATE BINDER.
N66-33690 11F S04 19 HC$ 1.00 MF$ 0.50

SEARCH FOR HIGH-ENERGY PHOTONS FROM DISCRETE SOURCES OF COSMIC RADIATION.
N66-33691 20M S04 19 HC$ 1.00 MF$ 0.50

RECENT RESULTS IN THE STUDY OF PROBLEMS OF MIXING AND REATTACHMENT.
N66-33692 20D S04 19 HC$ 1.00 MF$ 0.50

HEAT TRANSFER IN THE NEIGHBORHOOD OF THE BLUNT LEADING EDGE OF A CYLINDRICAL WING DURING SLIP.
N66-33693 1A S04 19 HC$ 1.00 MF$ 0.50

IN OPEN SPACE -- VOSKHOD-2 SPACE CRAFT DESIGN.
N66-33694 22B S04 19 HC$ 1.00 MF$ 0.50

DETERMINATION OF THE THERMAL CHARACTERISTICS OF A TWO-DIMENSIONAL LAMINAR BOUNDARY LAYER IN A COMPRESSIBLE GAS WITHOUT A LONGITUDINAL PRESSURE GRADIENT, IN THE VICINITY OF THE FORWARD STAGNATION POINT.
N66-33695 20M S04 19 HC$ 1.00 MF$ 0.50

SELECTION OF PARAMETERS FOR A DYNAMIC SYSTEM UNIVERSAL FOR A GIVEN GROUP OF MANEUVERS.
N66-33696 22A S04 19 HC$ 1.00 MF$ 0.50

MOTION OF A RIGID BODY UNDER THE EFFECT OF ROTATION OF AN INTERNAL FLYWHEEL.
N66-33697 20D S04 19 HC$ 1.00 MF$ 0.50

OPTIMAL CONDITIONS OF DECELERATING THE ROTATIONAL MOTION OF A SYMMETRIC BODY.
N66-33698 22A S04 19 HC$ 1.00 MF$ 0.50

THE INFLUENCE OF LOW TEMPERATURE ON THE DEVELOPMENT OF MICROORGANISMS. PART IV - THE INFLUENCE OF LOW TEMPERATURE ON THE GROWTH OF MOLDS.
N66-33699 6M S04 19 HC$ 1.00 MF$ 0.50

THEORY OF PULSE DISCHARGES IN A LIQUID MEDIUM.
N66-33700 20I S04 19 HC$ 1.00 MF$ 0.50

SPECTRAL ALBEDO OF NATURAL GROUNDS.
N66-33701 4A S04 19 HC$ 2.00 MF$ 0.50

RADIATIVE HEAT TRANSFER NEAR THE STAGNATION POINT OF A BLUNT BODY.
N66-33702 20M S04 19 HC$ 1.00 MF$ 0.50

ELECTRON DIFFRACTION STUDY OF THE OXIDATION PROCESS OF THIN FILMS OF INTERMETALLIC COMPOUNDS OF THE SYSTEM NICKEL-ALUMINUM.
N66-33704 11F S04 19 HC$ 1.00 MF$ 0.50

EFFECT OF CRYSTALLINE STRUCTURE ON THE PHOTOELECTRIC PROPERTIES OF THIN LAYERS OF CADMIUM SULFIDE.
N66-33705 20L S04 19 HC$ 1.00 MF$ 0.50

DIFFUSION OF URANIUM IN MOLYBDENUM, NIOBIUM, ZIRCONIUM, AND TITANIUM.
N66-33719 7B S04 19 HC$ 1.00 MF$ 0.50

BIBLIOGRAPHY ON GROUND-WATER POLLUTION AND WASTE WATER PURIFICATION.
N66-33720 8H S04 19 HC$ 2.50 MF$ 0.50

THE VAPOR COMPOSITION IN THE HALIDE SYSTEMS OF CERTAIN ALKALI AND ALKALI EARTH METALS.
N66-33721 7B S04 19 HC$ 1.00 MF$ 0.50

INVESTIGATIONS OF EFFECT OF INTERSTITIAL IMPURITIES ON THE STRUCTURE AND PROPERTIES OF TUNGSTEN SINGLE CRYSTALS.
N66-33722 11F S04 19 HC$ 1.00 MF$ 0.50

USE OF THE METHOD OF REMOVAL CROSS SECTION FOR THE COMPUTATION OF SHIELDING NOT CONTAINING HYDROGEN.
N66-33723 18F S04 19 HC$ 1.00 MF$ 0.50

AN UNSTEADY THERMAL LAMINAR BOUNDARY LAYER ON A SEMI-INFINITE PLATE IN A VISCOUS FLOW.
N66-33724 20D S04 19 HC$ 1.00 MF$ 0.50

AN IMPORTANT STEP IN SPACE MEDICINE. SOME RESULTS OF THE EXPERIMENT ON THE COSMOS 110 SATELLITE.
N66-33725 6B S04 19 HC$ 1.00 MF$ 0.50

CHANGES IN APPETITE FOR WATER, GLUCOSE, SODIUM, AND POTASSIUM IN RATS WHEN THE SODIUM PUMP IS INHIBITED BY STROPHANTHIN- K.
N66-33764 6C S04 19 HC$ 1.00 MF$ 0.50

SPACE PHOTOGRAPHY FOR THE GEOGRAPHICAL STUDY OF THE EARTH.
N66-33765 8B S04 19 HC$ 2.00 MF$ 0.50

ADSORPTION BEHAVIOR OF ORGANIC COMPOUNDS.
N66-33766 7C S04 19 HC$ 2.00 MF$ 0.50

ENHANCEMENT OF CONVECTIVE HEAT TRANSFER IN CHANNELS BY MEANS OF ARTIFICIAL FLOW TURBULENCE.
N66-33767 20M S04 19 HC$ 2.00 MF$ 0.50

RELATIONSHIP OF THE ALBEDO OF VENUS TO WAVELENGTH IN THE ULTRAVIOLET BAND OF THE SPECTRUM.
N66-33978 3B S04 19 HC$ 1.00 MF$ 0.50

ON THE QUESTION OF CALCULATION OF RADIATION IN ONE-DIMENSIONAL MOVEMENT OF MONATOMIC GAS.
N66-33980 20D S04 19 HC$ 3.00 MF$ 1.00

PROCEEDINGS OF CONFERENCE ON THERMAL JOINT CONDUCTANCE.
N66-37806 20M S04 23 HC$ 4.00 MF$ 1.00

PROCEEDINGS OF CONFERENCE ON SPACECRAFT COATINGS DEVELOPMENT.
N66-37814 20M S04 23 HC$ 5.00 MF$ 1.25

PROCEEDINGS OF SECOND CONFERENCE ON SOLAR SIMULATION RESEARCH.
N66-37826 14B S04 23 HC$ 6.00 MF$ 1.50

BREGUET.941 - IDENTIFICATION, PERFORMANCE, FLIGHT QUALITIES.
N66-38360 1C S04 23 HC$ 3.25 MF$ 1.25

THE FIRST PANORAMIC VIEWS OF THE LUNAR SURFACE.
N66-38486 22A S04 23 HC$ 3.00 MF$ 1.00

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION. AMES RESEARCH CENTER, MOFFETT FIELD, CALIF.

ON THE DYNAMICS OF CAPILLARIES AND THE EXISTENCE OF PLASMA FLOW IN THE PERICAPILLARY LYMPH SPACE.
N66-32697 6P S04 19 HC$ 2.00 MF$ 0.50

MEASURED PERFORMANCE OF WATER VAPOR JETS FOR SPACE VEHICLE ATTITUDE CONTROL SYSTEMS.
N66-32955 22B S04 19 HC$ 1.00 MF$ 0.50

ELECTRON DENSITIES AND SCALE HEIGHTS IN THE TOPSIDE IONOSPHERE - ALOUETTE I OBSERVATIONS OVER THE AMERICAN CONTINENTS. VOLUME I - NOVEMBER 1962 - JANUARY 1963.
N66-33197 4A S04 19 HC$ 5.50 MF$ 2.50

PRELIMINARY EVALUATION OF A NUMBER OF ABLATIVE HEAT-SHIELD MATERIALS EXPOSED TO COMBINED RADIATIVE AND CONVECTIVE HEATING.
N66-33307 20M S04 19 HC$ 3.00 MF$ 0.75

AERODYNAMIC PERFORMANCE AND STATIC STABILITY AND CONTROL OF FLAT-TOP HYPERSONIC GLIDERS AT MACH NUMBERS FROM 0.6 TO 18.
N66-33311 1D S04 19 HC$ 3.00 MF$ 0.75

ADDITIONAL EXPERIMENTS WITH FLAT-TOP WING- BODY COMBINATIONS AT HIGH SUPERSONIC SPEEDS.
N66-33312 1A S04 19 HC$ 3.00 MF$ 0.50

EFFECTS OF BOUNDARY-LAYER SUCTION AND SPOILERS ON TRANSONIC FLUTTER DERIVATIVES FOR A MIDSPAN CONTROL SURFACE ON AN UPSWEPT WING.
N66-33315 1D S04 19 HC$ 2.00 MF$ 0.50

SUBSONIC AERODYNAMIC CHARACTERISTICS OF PYRAMIDAL RE-ENTRY SHAPES INCORPORATING VARIABLE GEOMETRY.
N66-33316 1A S04 19 HC$ 2.00 MF$ 0.50

CONVECTIVE HEAT TRANSFER TO A LIFTING FLAT-FACED-CONE ENTRY BODY.
N66-33322 20M S04 19 HC$ 2.00 MF$ 0.50

SUPERSONIC AERODYNAMIC CHARACTERISTICS OF TRIANGULAR PLAN-FORM MODELS AT ANGLES OF ATTACK TO 90 DEGREES.
N66-33324 1A S04 19 HC$ 2.00 MF$ 0.50

MEASUREMENTS OF THE MACH NUMBER AND PRESSURE ON THE AFTERBODY OF A BLUNT-NOSED MODEL IN FREE FLIGHT AT MACH NUMBERS FROM 6.5 TO 14.
N66-33338 1A S04 19 HC$ 1.00 MF$ 0.50

THE AERODYNAMIC CHARACTERISTICS OF SEVERAL THICK DELTA WINGS AT MACH NUMBERS TO 6 AND ANGLES OF ATTACK 90 DEG.
N66-33340 1A S04 19 HC$ 3.00 MF$ 0.75

EFFECTS OF MODIFICATIONS TO A CONTROL SURFACE ON A 6-PERCENT THICK UNSWEPT WING ON THE TRANSONIC CONTROL-SURFACE FLUTTER DERIVATIVES.
N66-33343 1A S04 19 HC$ 2.50 MF$ 0.75

FORCE AND PRESSURE-DISTRIBUTION INVESTIGATION TO HIGH ANGLES OF ATTACK ON ALL-MOVABLE TRIANGULAR AND RECTANGULAR WINGS IN COMBINATION WITH A BODY AT SUPERSONIC SPEEDS.
N66-33349 1A S04 19 HC$ 3.25 MF$ 1.25

THE SOLAR WIND AND ITS INTERACTION WITH THE MAGNETOSPHERE.
N66-33419 4A S04 19 HC$ 2.00 MF$ 0.50

THE VAPOR PRESSURE OF MAGNESIUM BETWEEN 223 DEG AND 385 DEG

C.
N66-33423 20M S04 19 HC$ 1.00 MF$ 0.50

A SUMMARY OF RESULTS OBTAINED DURING FLIGHT SIMULATION OF SEVERAL AIRCRAFT PROTOTYPES WITH VARIABLE-STABILITY AIRPLANES.
N66-34081 1B S04 19 HC$ 2.50 MF$ 0.75

EXPERIMENTAL INVESTIGATION OF A BODY FLARE FOR OBTAINING PITCH STABILITY AND A BODY FLAP FOR OBTAINING PITCH CONTROL IN HYPERSONIC FLIGHT.
N66-34083 1D S04 19 HC$ 2.00 MF$ 0.50

A NEW FOUR-CHANNEL SCANNING SPECTROMETER FOR BALLISTIC-RANGE RADIOMETRY.
N66-37640 20F S04 23 HC$ 1.00 MF$ 0.50

A STUDY OF DAMPING IN NONLINEAR OSCILLATIONS.
N66-37641 1A S04 23 HC$ 2.50 MF$ 0.50

A SUPERCIRCULAR ENTRY GUIDANCE CONCEPT DESIGNED FOR MAXIMUM MONITORING CAPABILITY.
N66-37682 22C S04 23 HC$ 2.00 MF$ 0.50

THE EFFECTS OF A GEMINI LEFT-HAND WINDOW ON EXPERIMENTS REQUIRING ACCURACY IN SIGHTING OR RESOLUTION.
N66-38142 20F S04 23 HC$ 2.00 MF$ 0.50

A WIND-TUNNEL INVESTIGATION OF THE DYNAMIC STABILITY OF AXISYMMETRIC MODELS WITH HAMMERHEAD NOSES IN TRANSONIC FLOW.
N66-38365 1A S04 23 HC$ 2.00 MF$ 0.50

COMPUTER DERIVATIONS OF EQUATIONS OF MOTION IN A GENERAL ORTHOGONAL CURVILINEAR COORDINATE SYSTEM USING THE FORMAC LANGUAGE.
N66-38724 9B S04 23 HC$ 1.00 MF$ 0.50

VALIDATION OF A RESEARCH SIMULATOR FOR INVESTIGATING JET TRANSPORT HANDLING QUALITIES AND AIRWORTHINESS CRITERIA DURING TAKEOFF.
N66-38747 14B S04 23 HC$ 2.50 MF$ 0.50

AN INTEGRATED APPROACH TO THE ANALYSIS AND DESIGN OF WINGS AND WING-BODY COMBINATIONS IN SUPERSONIC FLOW.
N66-38749 1A S04 23 HC$ 1.00 MF$ 0.50

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION. ELECTRONICS RESEARCH CENTER, CAMBRIDGE, MASS.
A NEW CLASS OF TRAPPED LIGHT FILAMENTS.
N66-33863 20E S04 19 HC$ 1.00 MF$ 0.50

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION. FLIGHT RESEARCH CENTER, EDWARDS, CALIF.
FLIGHT SIMULATED OFF-THE-PAD ESCAPE AND LANDING MANEUVERS FOR A VERTICALLY LAUNCHED HYPERSONIC GLIDER.
N66-33330 1B S04 19 HC$ 2.00 MF$ 0.50

FLIGHT TESTS OF A WIDE-ANGLE, INDIRECT OPTICAL VIEWING SYSTEM IN A HIGH- PERFORMANCE JET AIRCRAFT.
N66-38880 5H S04 23 HC$ 2.00 MF$ 0.50

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION. GODDARD INST. FOR SPACE STUDIES, NEW YORK.
A REVIEW OF NUCLEAR ENERGY GENERATION IN STARS, AND SOME ASPECTS OF NUCLEOSYNTHESIS.
N66-33182 3B S04 19 HC$ 4.00 MF$ 0.75

STELLAR EVOLUTION - A SURVEY WITH ANALYTIC MODELS.
N66-33425 3B S04 19 HC$ 4.00 MF$ 1.00

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION. GODDARD SPACE FLIGHT CENTER, GREENBELT, MD.
TIROS VII RADIATION DATA CATALOG AND USERS MANUAL. VOL. 4 - 1 OCTOBER 1964 19 JUNE 1965.
N66-32793 4A S04 19 HC$ 4.25 MF$ 1.75

ATMOSPHERIC TRACKING ERRORS AT S-BAND AND C-BAND FREQUENCIES.
N66-32942 17B S04 19 HC$ 2.00 MF$ 0.50

A DESIGN PROCEDURE FOR THE WEIGHT OPTIMIZATION OF STRAIGHT FINNED RADIATORS.
N66-32943 10B S04 19 HC$ 2.00 MF$ 0.50

ANALYSIS OF LUNAR AND SOLAR EFFECTS ON THE MOTION OF CLOSE EARTH SATELLITES.
N66-32945 22A S04 19 HC$ 2.50 MF$ 0.75

LUNAR STRUCTURES AS DEDUCED FROM MUONG NONG TEKTITES.
N66-32956 3B S04 19 HC$ 1.00 MF$ 0.50

TELEMETRY PROCESSING FOR NASA SCIENTIFIC SATELLITES.
N66-33013 9F S04 19 HC$ 1.00 MF$ 0.50

AN ERROR DETECTION AND CORRECTION APPROACH TO THE TIME DECODING PROBLEM.
N66-33014 9F S04 19 HC$ 1.00 MF$ 0.50

LUNAR DIFFERENTIATION PROCESSES.
N66-33169 3B S04 19 HC$ 1.00 MF$ 0.50

ON THE EARLY HISTORY OF THE EARTH.
N66-33177 8G S04 19 HC$ 3.00 MF$ 0.50

THEORY OF PROTON-HYDROGEN COLLISIONS.
N66-33183 20H S04 19 HC$ 2.00 MF$ 0.50

EFFECT OF NON-SYNCHRONOUS ROTATION ON CLOSE BINARY STARS.
N66-33368 3A S04 19 HC$ 1.00 MF$ 0.50

ON THE GEVERAL PERTURBATIONS OF THE POSITION VECTORS OF A PLANETARY SYSTEM.
N66-33371 3A S04 19 HC$ 2.00 MF$ 0.50

DYNAMICS AND EVOLUTION OF CLOSE BINARY SYSTEMS.
N66-33379 3B S04 19 HC$ 3.00 MF$ 0.75

COSMOGENIC RADIOACTIVITIES IN THE PEACE RIVER AND HARLETON CHONDRITES.
N66-33412 8G S04 19 HC$ 1.00 MF$ 0.50

TANGENTIAL SENSITIVITY OF TUNNEL DIODE VIDEO DETECTORS.
N66-33421 9A S04 19 HC$ 1.00 MF$ 0.50

CALCULATION OF FUNCTIONALS OF MATRICES ARISING IN SOLID STATE PHYSICS AND QUANTUM CHEMISTRY.
N66-33491 20B S04 19 HC$ 3.75 MF$ 1.50

A NIKE FAILURE STUDY.
N66-33502 16D S04 19 HC$ 2.00 MF$ 0.50

ORBITAL PREDICTION AND DIFFERENTIAL CORRECTION USING VINTI S SPHEROIDAL THEORY FOR ARTIFICIAL SATELLITES.
N66-33503 22C S04 19 HC$ 3.00 MF$ 0.75

THE GRAVITY POTENTIAL AND FORCE FIELD OF THE EARTH THROUGH FOURTH ORDER.
N66-33703 4A S04 19 HC$ 2.50 MF$ 0.75

SATELLITE SITUATION REPORT, VOLUME 6, NO. 14.
N66-33864 22C S04 19 HC$ 2.00 MF$ 0.50

COMPUTATIONAL PROCEDURE FOR VINTI S ACCURATE REFERENCE ORBIT WITH INCLUSION OF THE THIRD ZONAL HARMONIC.
N66-33966 22C S04 19 HC$ 1.00 MF$ 0.50

LOW POWER NANOSECOND PULSE AND LOGIC CIRCUITS USING TUNNEL DIODES.
N66-33967 9A S04 19 HC$ 1.00 MF$ 0.50

THE DRIFT OF AN INCLINED-ORBIT 24-HOUR SATELLITE IN AN EARTH GRAVITY FIELD THROUGH FOURTH ORDER.
N66-33968 22C S04 19 HC$ 2.50 MF$ 0.75

COMPARISON OF PERFORMANCE OF PCM AND PFM TELEMETRY SYSTEMS.
N66-33971 9F S04 19 HC$ 1.00 MF$ 0.50

RANGE RESIDUALS IN VHF RADAR TRACKING.
N66-33984 17I S04 19 HC$ 1.00 MF$ 0.50

THE TASK MANAGER.
N66-37813 9B S04 23 HC$ 1.00 MF$ 0.50

GEOMAGNETIC DISTURBANCES.
N66-38364 4A S04 23 HC$ 2.00 MF$ 0.50

A STORED PROGRAM COMPUTER FOR SMALL SCIENTIFIC SPACECRAFT.
N66-38408 9B S04 23 HC$ 2.50 MF$ 0.50

TEN-BIT ANALOG-TO-DIGITAL CONVERTER.
N66-38416 9C S04 23 HC$ 1.00 MF$ 0.50

DATA CONVERTER AND DISPLAY SYSTEM FOR THE WISCONSIN EXPERIMENT ON THE ORBITING ASTRONOMICAL OBSERVATORY.
N66-38419 9D S04 23 HC$ 1.00 MF$ 0.50

AEROBEE 150 STRUCTURAL AND AERODYNAMIC PITCH COUPLING.
N66-38489 22A S04 23 HC$ 2.50 MF$ 0.50

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION. JOHN F. KENNEDY SPACE CENTER, COCOA BEACH, FLA.
ELECTRICAL REFERENCE HANDBOOK, LAUNCH EQUIPMENT BRANCH ELECTRICAL SUPPORT EQUIPMENT LC-39, VOLUME I.
N66-33865 22D S04 19 HC$ 7.00 MF$ 1.75

THE CURRENT MEASUREMENT IN LAUNCH VEHICLE CHECKOUT.
N66-37675 9C S04 23 HC$ 1.00 MF$ 0.50

A SELECTIVE BIBLIOGRAPHY, 1949 - 1965.
N66-38723 9B S04 23 HC$ 2.00 MF$ 0.50

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION. LANGLEY RESEARCH CENTER, LANGLEY STATION, VA.
A THEORETICAL AND EXPERIMENTAL INVESTIGATION OF SECONDARY JETS IN A MACH 6 FREE STREAM WITH EMPHASIS ON THE STRUCTURE OF THE JET AND SEPARATION AHEAD OF THE JET.
N66-32721 20D S04 19 HC$ 2.00 MF$ 0.50

A REVIEW OF FACTORS AFFECTING BOUNDARY-LAYER TRANSITION.
N66-32940 20D S04 19 HC$ 2.00 MF$ 0.50

FLIGHT INVESTIGATION OF DYNAMIC STABILITY AND CONTROL CHARACTERISTICS OF A 0.18-SCALE MODEL OF A FAN-IN-WING VTOL AIRPLANE.
N66-32941 1C S04 19 HC$ 2.00 MF$ 0.50

ANALYSIS OF COMBINATIONS OF ALTITUDE AND DESCENT RATE FOR SAFE ABORT DURING TERMINAL PHASE OF LUNAR LANDING.
N66-32944 22A S04 19 HC$ 2.00 MF$ 0.50

A SYSTEM FOR INERTIAL EXPERIMENT POINTING AND ATTITUDE CONTROL.
N66-32957 17G S04 19 HC$ 2.50 MF$ 0.75

ROUGHNESS EFFECTS ON BOUNDARY-LAYER TRANSITION FOR BLUNT-LEADING-EDGE PLATES AT MACH 6.
N66-33015 1A S04 19 HC$ 2.00 MF$ 0.50

DETERMINATION OF ORBIT OF A SPACECRAFT WITH RESPECT TO AN OBJECT IN A KNOWN CIRCULAR ORBIT.
N66-33016 22C S04 19 HC$ 2.00 MF$ 0.50

HYPERSONIC LAMINAR VISCOUS INTERACTION EFFECTS ON THE AERODYNAMICS OF TWO-DIMENSIONAL WEDGE AND TRIANGULAR PLANFORM WINGS.
N66-33017 1A S04 19 HC$ 3.00 MF$ 0.75

STAGNATION AND STATIC PRESSURES ON A NOSE-MOUNTED 15 DEG CONICAL PROBE WITH VARIOUS FOREBODY CONFIGURATIONS.
N66-33018 1A S04 19 HC$ 4.00 MF$ 1.00

LOW-SPEED WIND-TUNNEL STUDIES RELATING TO PITCH-UP ON A SUPERSONIC TRANSPORT MODEL WITH A HIGH-ASPECT-RATIO VARIABLE SWEEP WING.
N66-33020 1C S04 19 HC$ 3.00 MF$ 0.75

INSTRUMENTATION FOR INVESTIGATING THE PHYSICAL PROPERTIES OF THE LUNAR SURFACE.
N66-33167 3A S04 19 HC$ 1.00 MF$ 0.50

WIND-TUNNEL INVESTIGATION AT A MACH NUMBER OF 2.91 OF STABILITY AND CONTROL CHARACTERISTICS OF THREE LIFTING REENTRY CONFIGURATIONS AT ANGLES OF ATTACK UP TO 90 DEGREES.
N66-33306 1A S04 19 HC$ 2.00 MF$ 0.50

BOUNDARY-LAYER-TRANSITION AND HEAT-TRANSFER MEASUREMENTS FROM FLIGHT TESTS OF BLUNT AND SHARP 50 DEGREE CONES AT MACH NUMBERS FROM 1.7 TO 4.7.
N66-33310 1A S04 19 HC$ 2.00 MF$ 0.50

DYNAMIC STABILITY INVESTIGATION OF TWO RIGHT CIRCULAR CYLINDERS IN AXIAL FREE FLIGHT AT MACH NUMBERS FROM 0.4 TO 1.7 FINENESS-RATIO- 2.56 CYLINDER AND FINENESS-RATIO-4.0 CYLINDER WITH FLARED AFTERBODY.
N66-33313 1A S04 19 HC$ 2.00 MF$ 0.50

EFFECTS OF WING-FUSELAGE FLOW FIELDS ON MISSILE LOADS AT SUBSONIC SPEEDS.
N66-33314 1B S04 19 HC$ 1.00 MF$ 0.50

STATIC STABILITY AND CONTROL CHARACTERISTICS OF TWO LARGE-DIHEDRAL RIGHT TRIANGULAR PYRAMID LIFTING REENTRY CONFIGURATIONS AT A MACH NUMBER OF 3.05.
N66-33317 1D S04 19 HC$ 2.00 MF$ 0.50

TRANSONIC STATIC AND DYNAMIC LONGITUDINAL STABILITY CHARACTERISTICS OF A LOW-FINENESS- RATIO, BLUNTED-CYLINDER REENTRY BODY HAVING A CONVERGING-CONE AFTERBODY.
N66-33318 1D S04 19 HC$ 2.00 MF$ 0.50

STABILITY AND CONTROL CHARACTERISTICS AT LOW SUBSONIC SPEEDS OF AN AIRPLANE CONFIGURATION HAVING TWO TYPES OF VARIABLE-SWEEP WINGS.
N66-33319 1D S04 19 HC$ 3.00 MF$ 0.75

STATIC LONGITUDINAL, DIRECTIONAL, AND LATERAL STABILITY AND CONTROL DATA AT A MACH NUMBER OF 6.83 OF THE FINAL CONFIGURATION OF THE X- 15 RESEARCH AIRPLANE.
N66-33320 1D S04 19 HC$ 3.00 MF$ 0.75

AERODYNAMIC CHARACTERISTICS OF A 60 DEGREE SWEPTBACK-WING AIRPLANE CONFIGURATION HAVING TAIL SURFACES LOCATED OUTBOARD OF THE WING TIPS AT MACH NUMBERS OF 2.30, 2.97, 3.51, AND 4.06.
N66-33321 1A S04 19 HC$ 3.00 MF$ 0.50

TRANSONIC WIND-TUNNEL MEASUREMENTS OF SOME DYNAMIC LONGITUDINAL AND DIRECTIONAL STABILITY PARAMETERS FOR A FINNED SPINNING BODY OF REVOLUTION HAVING A HIGH FINENESS RATIO.
N66-33323 1A S04 19 HC$ 1.00 MF$ 0.50

AN EXPERIMENTAL INVESTIGATION OF AERODYNAMIC EFFECTS OF AIRFOIL THICKNESS ON TRANSONIC FLUTTER CHARACTERISTICS.
N66-33326 1A S04 19 HC$ 2.00 MF$ 0.50

PRESSURE DISTRIBUTIONS ON A FLAT-PLATE DELTA WING SWEPT 65 DEG AT A MACH NUMBER OF 5.97 AT ANGLES OF ATTACK FROM 65 DEG TO 115 DEG AND ANGLES OF ROLL FROM 0 DEG TO 25 DEG AT A 90 DEG ANGLE OF ATTACK.
N66-33327 1A S04 19 HC$ 2.00 MF$ 0.50

TRANSONIC FLUTTER INVESTIGATION OF MODELS OF PROPOSED HORIZONTAL TAILS FOR THE X-15 AIRPLANE.
N66-33328 1A S04 19 HC$ 2.00 MF$ 0.50

TRANSONIC FLUTTER INVESTIGATION OF MODELS OF THE X-15 AIRPLANE HORIZONTAL TAIL.
N66-33329 1A S04 19 HC$ 2.00 MF$ 0.50

INVESTIGATION OF AERODYNAMIC CHARACTERISTICS OF AN AIRPLANE CONFIGURATION HAVING TAIL SURFACES OUTBOARD OF THE WING TIPS AT MACH NUMBERS OF 2.30, 2.97, AND 3.51.
N66-33331 1A S04 19 HC$ 2.50 MF$ 0.50

HEAT-TRANSFER AND PRESSURE DISTRIBUTIONS ON A FLAT-FACE ROUNDED-CORNER BODY OF REVOLUTION WITH AND WITHOUT A FLAP AT A MACH NUMBER OF 8.
N66-33334 20M S04 19 HC$ 2.50 MF$ 0.75

INVESTIGATION OF LITHIUM HYDRIDE AND MAGNESIUM AS HIGH-TEMPERATURE INTERNAL COOLANTS WITH SEVERAL SKIN MATERIALS.
N66-33335 20M S04 19 HC$ 1.00 MF$ 0.50

LOW-SPEED INVESTIGATION OF EFFECTS OF VERTICAL TAILS ON THE STATIC STABILITY CHARACTERISTICS OF A CANARD-BOMBER CONFIGURATION HAVING A VERY THIN WING AND A SLENDER ELLIPTICAL FUSELAGE.
N66-33336 1A S04 19 HC$ 1.00 MF$ 0.50

STABILITY AND CONTROL CHARACTERISTICS AT A MACH NUMBER OF 1.89 OF A LIGHTWEIGHT GLIDER REENTRY CONFIGURATION.
N66-33337 22C S04 19 HC$ 1.00 MF$ 0.50

PRELIMINARY INVESTIGATION OF INTERFERENCE EFFECTS OF MULTICOPLANAR FINS ON A TWO-STAGE ROCKET LAUNCH VEHICLE WITH WINGED SPACECRAFT AT TRANSONIC SPEEDS.
N66-33345 22D S04 19 HC$ 2.00 MF$ 0.50

AN EXPLORATORY INVESTIGATION OF A TRANSPORT CONFIGURATION DESIGNED FOR SUPERSONIC CRUISE FLIGHT NEAR A MACH NUMBER OF 3.
N66-33347 1A S04 19 HC$ 2.00 MF$ 0.50

FLUTTER INVESTIGATION AT A MACH NUMBER OF 7.2 OF MODELS OF THE HORIZONTAL-TAIL AND VERTICAL- TAIL SURFACES OF THE X-15 AIRPLANE.
N66-33350 20K S04 19 HC$ 2.00 MF$ 0.50

NACA CONFERENCE ON AIRCRAFT LOADS, FLUTTER, AND STRUCTURES - A COMPILATION OF THE PAPERS PRESENTED.
N66-33351 20K S04 19 HC$ 6.36 MF$ 3.00

EFFECT OF TARGET MATERIAL YIELD STRENGTH ON HYPERVELOCITY PERFORATION AND BALLISTIC LIMIT.
N66-33369 20K S04 19 MF$ 0.50

A UNIQUE VARIABLE WIDTH PULSE INTEGRATOR.
N66-33370 9A S04 19 HC$ 1.00 MF$ 0.50

SOME CHEMICAL ASPECTS OF UPPER-ATMOSPHERE RESEARCH.
N66-33418 4A S04 19 HC$ 1.00 MF$ 0.50

VARIABLE DYNAMIC FORCE VECTOR ROCKET TEST APPARATUS.
N66-33424 14B S04 19 HC$ 1.00 MF$ 0.50

PRESSURE DISTRIBUTIONS DUE TO TWO-DIMENSIONAL FABRICATION-TYPE SURFACE ROUGHNESS ON AN OGIVE CYLINDER AT TRANSONIC SPEEDS.
N66-33447 1A S04 19 HC$ 3.00 MF$ 0.75

VISUAL SIMULATION OF LUNAR ORBIT ESTABLISHMENT USING A SIMPLIFIED GUIDANCE TECHNIQUE.
N66-33448 17G S04 19 HC$ 2.00 MF$ 0.50

PRESSURE DRAGS DUE TO TWO-DIMENSIONAL FABRICATION-TYPE SURFACE ROUGHNESS ON AN OGIVE CYLINDER AT TRANSONIC SPEEDS.
N66-33449 1A S04 19 HC$ 3.00 MF$ 0.50

DYNAMIC-MODEL INVESTIGATION OF SOME LANDINGS AND SLIDEOUTS OF A RECOVERABLE BOOSTER.
N66-33450 22D S04 19 HC$ 1.00 MF$ 0.50

SUPERSONIC INVESTIGATION OF EFFECTS OF CONFIGURATION GEOMETRY ON PRESSURE-COEFFICIENT AND SECTION NORMAL-FORCE-COEFFICIENT DISTRIBUTIONS FOR A TWO-STAGE LAUNCH VEHICLE.
N66-33451 1A S04 19 HC$ 2.00 MF$ 0.50

LONGITUDINAL AERODYNAMIC CHARACTERISTICS OF A TENSION SHELL ENTRY CONFIGURATION AT MACH 20.
N66-33452 1A S04 19 HC$ 2.00 MF$ 0.50

STATIC STABILITY CHARACTERISTICS OF CONE AND HALF-CONE-PYRAMID CONFIGURATIONS AT MACH 6.83.
N66-33453 1A S04 19 HC$ 2.00 MF$ 0.50

VIBRATIONAL CHARACTERISTICS OF SANDWICH PANELS IN A REDUCED-PRESSURE ENVIRONMENT.
N66-33456 20K S04 19 HC$ 1.00 MF$ 0.50

SUPERSONIC AERODYNAMIC CHARACTERISTICS OF A SERIES OF RELATED BODIES WITH CROSS-SECTIONAL ELLIPTICITY.
N66-33457 1A S04 19 HC$ 3.00 MF$ 0.75

THERMAL DISTORTIONS OF THIN-WALLED PARABOLOIDAL SHELLS.
N66-33970 20K S04 19 HC$ 2.00 MF$ 0.50

FLIGHT MEASUREMENTS OF SOME OF THE FLYING QUALITIES AND STABILITY DERIVATIVES OF A SUPERSONIC FIGHTER AIRPLANE.
N66-34078 1B S04 19 HC$ 2.50 MF$ 0.75

A NOTE ON THE ABILITY TO PREDICT TRANSONIC DRAG-RISE CHANGES DUE TO MODEL MODIFICATIONS.
N66-34079 1A S04 19 HC$ 2.00 MF$ 0.50

SOME CONSIDERATIONS REGARDING THE APPLICATION OF THE SUPERSONIC AREA RULE TO THE DESIGN OF AIRPLANE FUSELAGES.
N66-34080 1C S04 19 HC$ 2.00 MF$ 0.50

TRANSONIC WIND-TUNNEL INVESTIGATION OF STATIC LONGITUDINAL AND LATERAL STABILITY AND CONTROL CHARACTERISTICS AND DRAG RISE OF A REPRESENTATIVE FIGHTER AIRPLANE.
N66-34082 1D S04 19 HC$ 3.00 MF$ 1.00

EXPERIMENTALLY DETERMINED EFFECTS OF VARYING PITCH AND CONTROL STIFFNESSES ON THE FLUTTER CHARACTERISTICS AT SUPERSONIC SPEEDS OF ALL- MOVABLE WING AND TAIL MODELS.
N66-34084 1D S04 19 HC$ 2.00 MF$ 0.50

DAMAGE TO FIELD-EFFECT TRANSISTORS UNDER 22 AND 128 ME V PROTON BOMBARDMENTS.
N66-37676 9A S04 23 HC$ 2.00 MF$ 0.50

AERODYNAMIC CHARACTERISTICS OF TENSION SHELL SHAPES AT MACH 3.0.
N66-37677 1A S04 23 HC$ 2.00 MF$ 0.50

THERMODYNAMIC, TRANSPORT, AND FLOW PROPERTIES FOR THE PRODUCTS OF METHANE BURNED IN OXYGEN-ENRICHED AIR.
N66-37882 21B S04 23 HC$ 2.50 MF$ 0.75

X-RAY MEASUREMENT OF RESIDUAL STRESSES IN TITANIUM ALLOY SHEET.
N66-38113 11F S04 23 HC$ 2.00 MF$ 0.50

LOW-SUBSONIC WIND-TUNNEL AND FREE-FLIGHT DROP-TEST INVESTIGATION OF A PARAGLIDER CONFIGURATION HAVING LARGE TAPERED LEADING EDGES AND KEEL.
N66-38136 1A S04 23 HC$ 2.00 MF$ 0.50

GROUND EFFECTS RELATED TO LANDING OF AIRPLANES WITH LOW-ASPECT-RATIO WINGS.
N66-38138 1B S04 23 HC$ 1.00 MF$ 0.50

EVALUATION OF SEVERAL SILICONE, PHENOLIC, AND EPOXY BASE HEAT-SHIELD MATERIALS AT VARIOUS HEAT-TRANSFER RATES AND DYNAMIC PRESSURES.
N66-38139 11I S04 23 HC$ 2.50 MF$ 0.75

AN EXPERIMENTAL AND ANALYTICAL STUDY OF THE LONGITUDINAL VIBRATION OF A SIMPLIFIED THOR VEHICLE STRUCTURE.
N66-38140 22D S04 23 HC$ 2.00 MF$ 0.50

ERROR ANALYSIS OF A WEIGHTED LEAST SQUARES PROCESS TO DETERMINE THE LUNAR GRAVITATIONAL FIELD.
N66-38141 3B S04 23 HC$ 2.00 MF$ 0.50

PROJECT FIRE PHOTOGRAPHIC SUMMARY AND RECORD OF REENTRY PHENOMENA AT HYPERBOLIC VELOCITIES.
N66-38406 20M S04 23 HC$ 2.50 MF$ 0.75

A NUMERICAL TECHNIQUE FOR ANALYSIS OF WAVE DRAG AT LIFTING CONDITIONS.
N66-38407 1A S04 23 HC$ 1.00 MF$ 0.50

PROJECT FIRE INSTRUMENTATION FOR RADIATIVE HEATING AND RELATED MEASUREMENTS.
N66-38410 20M S04 23 HC$ 2.50 MF$ 0.75

TEST OF A LARGE-DIAMETER RING-STIFFENED CYLINDER SUBJECTED TO HYDROSTATIC PRESSURE.
N66-38411 20K S04 23 HC$ 1.00 MF$ 0.50

COMPARISON OF PANEL FLUTTER RESULTS FROM APPROXIMATE AERODYNAMIC THEORY WITH RESULTS FROM EXACT INVISCID THEORY AND EXPERIMENT.
N66-38412 20K S04 23 HC$ 2.00 MF$ 0.50

FIXED-BASE VISUAL-SIMULATION STUDY OF MANUALLY CONTROLLED TRANSLATION AND HOVER MANEUVERS OVER THE LUNAR SURFACE.
N66-38413 5H S04 23 HC$ 1.00 MF$ 0.50

AN ANALOG STUDY OF THE PASSIVE THERMAL BEHAVIOR OF AN ORBITING SPACE STATION.
N66-38414 22A S04 23 HC$ 2.00 MF$ 0.50

SONIC-BOOM MEASUREMENTS DURING BOMBER TRAINING OPERATIONS IN THE CHICAGO AREA.
N66-38415 1C S04 23 HC$ 2.00 MF$ 0.50

A THEORETICAL AND EXPERIMENTAL STUDY AT MACH 8 OF FLOW SEPARATION OF A FLAT PLATE WITH DEFLECTED TRAILING EDGE FLAP.
N66-38716 1A S04 23 HC$ 5.00 MF$ 1.00

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION. LEWIS RESEARCH CENTER, CLEVELAND, OHIO.
METALLOGRAPHIC STUDY OF DISPERSION- STRENGTHENED ALLOYS AFTER FAILURE IN STRESS RUPTURE.
N66-33019 11F S04 19 HC$ 2.00 MF$ 0.50

CRITICAL MASS STUDIES WITH THE NASA ZERO POWER REACTOR II. II - HETEROGENEOUS ARRAYS OF CYLINDRICAL VOIDS.
N66-33021 18L S04 19 HC$ 1.00 MF$ 0.50

ATTENUATION OF SINUSOIDAL DISTURBANCES IN NONVISCOUS LIQUID FLOWING IN A LONG LINE WITH DISTRIBUTED LEAKAGE.
N66-33022 20D S04 19 HC$ 2.00 MF$ 0.50

FORMATION OF CO2 RADICAL IONS WHEN CO2 IS ADSORBED ON IRRADIATED MAGNESIUM OXIDE.
N66-33166 7C S04 19 HC$ 1.00 MF$ 0.50

NOTE ON A CORRELATION OF BOUNDARY-LAYER TRANSITION RESULTS ON HIGHLY COOLED BLUNT BODIES.
N66-33308 20M S04 19 HC$ 1.00 MF$ 0.50

PERFORMANCE OF JP-4 FUEL WITH FLUORINE- OXYGEN MIXTURES IN 1000-POUND-THRUST ROCKET ENGINES.
N66-33309 21I S04 19 HC$ 2.00 MF$ 0.50

EXPERIMENTAL HYDROGEN-FLUORINE ROCKET PERFORMANCE AT LOW PRESSURES AND HIGH RATIOS.
N66-33325 21I S04 19 HC$ 2.00 MF$ 0.50

INVESTIGATION OF SMALL-SCALE HYDRAZINE- FLUORINE INJECTORS.
N66-33332 21M S04 19 HC$ 1.00 MF$ 0.50

INVESTIGATION OF INJECTORS FOR A LOW-CHAMBER- PRESSURE HYDROGEN-FLUORINE ROCKET ENGINE.
N66-33333 21M S04 19 HC$ 2.00 MF$ 0.50

INVESTIGATION OF HIGH-ANGLE-OF-ATTACK PERFORMANCE OF A 14 DEG RAMP-TYPE INLET IN VARIOUS CIRCUMFERENTIAL BODY LOCATIONS, MACH NUMBER RANGE 1.5 TO 2.0.
N66-33339 1A S04 19 HC$ 2.00 MF$ 0.50

PERFORMANCE EVALUATION OF A TWO-STAGE TURBINE DESIGNED FOR A RATIO OF BLADE SPEED TO JET SPEED OF 0.146.
N66-33341 21E S04 19 HC$ 2.00 MF$ 0.50

EXPERIMENTAL PERFORMANCE OF LIQUID HYDROGEN AND LIQUID FLUORINE IN REGENERATIVELY COOLED ROCKET ENGINES.
N66-33342 21M S04 19 HC$ 2.00 MF$ 0.50

EXPERIMENTS WITH HYDROGEN AND OXYGEN IN REGENERATIVE ENGINES AT CHAMBER PRESSURES FROM 100 TO 300 POUNDS PER SQUARE INCH ABSOLUTE.
N66-33344 21M S04 19 HC$ 2.00 MF$ 0.50

PRELIMINARY INVESTIGATION OF OFF-DESIGN PERFORMANCE OF DIVERGENT-EJECTOR-TYPE ROCKET NOZZLES.
N66-33346 21M S04 19 HC$ 2.00 MF$ 0.50

EXPERIMENTAL PERFORMANCE OF A HYDROGEN- FLUORINE ROCKET ENGINE AT SEVERAL CHAMBER PRESSURES AND EXHAUST-NOZZLE EXPANSION AREA RATIOS.
N66-33348 21M S04 19 HC$ 2.00 MF$ 0.50

EXPERIMENTAL ROCKET PERFORMANCE OF APOLLO STORABLE PROPELLANTS IN ENGINES WITH LARGE AREA RATIO NOZZLES.
N66-33454 21I S04 19 HC$ 2.00 MF$ 0.50

USE OF PHASE-LOCKED-LOOP CONTROL FOR DRIVING ULTRASONIC TRANSDUCERS.
N66-33455 9C S04 19 HC$ 1.00 MF$ 0.50

SUPERSONIC AERODYNAMIC CHARACTERISTICS OF A SATURN IB LAUNCH VEHICLE MODEL WITH THIRD-STAGE MODIFICATIONS.
N66-33486 1A S04 19 HC$ 1.00 MF$ 0.50

USE OF A FLUIDIC OSCILLATOR AS A HUMIDITY SENSOR FOR A HYDROGEN-STEAM MIXTURE.
N66-33487 7D S04 19 HC$ 1.00 MF$ 0.50

EXPERIMENTAL INVESTIGATION OF BAFFLE EFFECTIVENESS IN A CONFINED FLUID SUBJECTED TO WALL AND NONUNIFORM SOURCE HEATING.
N66-33710 21I S04 19 HC$ 3.00 MF$ 0.75

INSTRUMENT SYSTEM FOR DETERMINING TEMPERATURE EFFECTS ON MAXIMUN INDUCTION OF MAGNETIC MATERIALS.
N66-33969 20M S04 19 HC$ 1.00 MF$ 0.50

HEAT-TRANSFER ANALYSIS OF THE PLUM BROOK REACTOR.
N66-33973 18I S04 19 HC$ 2.00 MF$ 0.50

ELECTRICAL RESISTIVITY AND CONDUCTIVITY OF TUNGSTEN-FIBER-REINFORCED COPPER COMPOSITES.
N66-33983 11F S04 19 HC$ 1.00 MF$ 0.50

THERMAL CYCLING OF THIN-FILM CADMIUM SULFIDE SOLAR CELLS.
N66-37674 10A S04 23 HC$ 1.00 MF$ 0.50

FEASIBILITY STUDY OF SECONDARY EMISSION ELECTRON MICROSCOPY FOR EXAMINING MATERIALS CONTAINING DISPERSED OXIDE PARTICLES.
N66-37678 13H S04 23 HC$ 2.00 MF$ 0.50

DESIGN OF A FLUID JET AMPLIFIER WITH REDUCED RECEIVER-INTERACTION-REGION COUPLING.
N66-37679 13G S04 23 HC$ 2.00 MF$ 0.50

HIGH-ENERGY ION BEAMS USED TO ACCELERATE HYDROGEN PROPELLANT ALONG MAGNETIC TUBE OR FLUX.
N66-37680 18K S04 23 HC$ 2.00 MF$ 0.50

OVERLAY COPY TECHNIQUE TO PROVIDE HIGH-CONTRAST ELECTRON MICROGRAPHS FOR AUTOMATIC METALLOGRAPHIC ANALYSIS.
N66-37681 14B S04 23 HC$ 1.00 MF$ 0.50

ANALYSIS OF CONDENSING PRESSURE CONTROL FOR SNAP-8 SYSTEM.
N66-37683 18N S04 23 HC$ 1.00 MF$ 0.50

SMALL PLASMA PROBES WITH GUARD RINGS AND THERMOCOUPLES.
N66-37684 20I S04 23 HC$ 1.00 MF$ 0.50

A SUPERCONDUCTING MAGNETIC BOTTLE.
N66-37811 20C S04 23 HC$ 1.00 MF$ 0.50

STEADY-STATE COMPOSITION OF A LOW-DENSITY NONEQUILIBRIUM HYDROGEN PLASMA.
N66-38137 20I S04 23 HC$ 1.00 MF$ 0.50

BUOYANCY EFFECTS ON CRITICAL HEAT FLUX OF FORCED CONVECTIVE BOILING IN VERTICAL FLOW.
N66-38143 20M S04 23 HC$ 1.00 MF$ 0.50

LIQUID-HYDROGEN DENSITY MEASUREMENTS USING AN OPEN-ENDED MICROWAVE CAVITY.
N66-38144 20M S04 23 HC$ 1.00 MF$ 0.50

COMPARISON OF CALCULATED AND MEASURED CHARACTERISTICS OF HORIZONTAL MULTITUBE HEAT EXCHANGER WITH STEAM CONDENSING INSIDE TUBES.
N66-38418 10B S04 23 HC$ 2.00 MF$ 0.50

NONSTEADY LIQUID AND GAS FLOW WITH HEAT ADDITION AND SHOCK PERTURBATIONS.
N66-38748 20D S04 23 HC$ 2.50 MF$ 0.75

INVESTIGATION OF MAGNETICALLY SOFT, HIGH-TEMPERATURE COBALT-IRON ALLOY.
N66-38750 11F S04 23 HC$ 1.00 MF$ 0.50

THEORETICAL INVESTIGATION OF TURBULENT LIQUID-METAL HEAT TRANSFER IN CHANNELS WITH HEAT SOURCES IN THE FLUID.
N66-38801 20M S04 23 HC$ 2.50 MF$ 0.75

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION. MANNED SPACECRAFT CENTER, HOUSTON, TEX.
FLAMMABILITY IN ZERO-GRAVITY ENVIRONMENT.
N66-37777 21B S04 23 HC$ 2.00 MF$ 0.50

CALCULATIONS OF ENERGY AND ANGULAR DISTRIBUTIONS OF ELECTRONS EJECTED FROM HELIUM BY 200- KE V AND 300- KE V

PROTONS.
N66-38409 20H S04 23 HC$ 1.00 MF$ 0.50

SOLID PROPELLANT ROCKET MOTOR PERFORMANCE COMPUTER PROGRAMS USING THE GROUP TRANSFORMATION METHOD.
N66-38417 21H S04 23 HC$ 3.00 MF$ 1.00

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION. MARSHALL SPACE FLIGHT CENTER, HUNTSVILLE, ALA.
RANGE SAFETY DATA FOR SATURN SA-10.
N66-32794 22D S04 19 HC$ 2.50 MF$ 0.75

EXPLICIT RUNGE- KUTTA INTEGRATION.
N66-33537 12A S04 19 HC$ 1.00 MF$ 0.50

THE FABRICATION OF BERYLLIUM. VOLUME I - A SURVEY OF CURRENT TECHNOLOGY.
N66-33538 13H S04 19 HC$ 3.00 MF$ 1.00

AN ORBITING DENSITY MEASURING INSTRUMENT.
N66-33539 14B S04 19 HC$ 2.50 MF$ 0.50

NEW ONE-STEP INTEGRATION METHODS OF HIGH-ORDER ACCURACY APPLIED TO SOME PROBLEMS IN CELESTIAL MECHANICS.
N66-37778 12A S04 23 HC$ 2.00 MF$ 0.50

INFORMATION SCIENCE.
N66-37803 5B S04 23 HC$ 1.00 MF$ 0.50

CRYOGENIC TECHNOLOGY RESEARCH AT MSFC.
N66-37993 21H S04 23 HC$ 2.00 MF$ 0.50

HISTORY OF THE GEORGE C. MARSHALL SPACE FLIGHT CENTER, JULY 1 THROUGH DECEMBER 31, 1964. VOLUME ONE NINTH SEMIANNUAL HISTORY.
N66-38017 14B S04 23 HC$ 6.00 MF$ 1.50

AERODYNAMICS RESEARCH AT MSFC.
N66-38487 1A S04 23 HC$ 2.00 MF$ 0.50

A MANAGEMENT PLAN FOR SYSTEMS ASSURANCE DURING PHASES A, B, C, AND D.
N66-38746 5A S04 23 HC$ 2.00 MF$ 0.50

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION. WALLOPS STATION, WALLOPS ISLAND, VA.
DEVELOPMENT OF A SMALL ANIMAL PAYLOAD AND INTEGRATION WITH A SOUNDING ROCKET.
N66-33540 22B S04 19 HC$ 3.00 MF$ 0.75

NATIONAL AERO- AND ASTRONAUTICAL RESEARCH INST., AMSTERDAM (NETHERLANDS).
REPORTS AND TRANSACTIONS, VOLUME XXXI.
N66-33427 11F S04 19 HC$ 4.00 MF$ 1.00

NATIONAL AVIATION FACILITIES EXPERIMENTAL CENTER, ATLANTIC CITY, N. J.
NEW YORK INTERIM COMMON TRACON FACILITY SIMULATION STUDY.
AD-641 698 17G T66 24 HC$ 4.00 MF$ 1.00

VOR LOCALIZER (VORLOC).
AD-641 962 17G T66 24 HC$ 1.00 MF$ 0.50

NATIONAL BUREAU OF STANDARDS, BOULDER, COLO. RADIO STANDARDS LAB.
A SENSITIVE RECORDING NMR ULTRASONIC SPECTROMETER.
NBS-TN-344 14B U41 24 HC$ 0.20 MF$ 0.50

ON THE NATURAL SHIFT OF A RESONANCE FREQUENCY.
NBS-TN-346 7D U41 24 HC$ 0.25 MF$ 0.50

NATIONAL BUREAU OF STANDARDS, WASHINGTON, D. C.
COLLISONS OF LIQUID DROPS WITH LIQUIDS. SUPPLEMENT I. NEW CRATER DEPTH DATA FOR IMPACTS OF WATERDROPS WITH WATER.
AD-641 302 20D T66 24 HC$ 1.00 MF$ 0.50

HYDRAULIC RESEARCH IN THE UNITED STATES 1966.
NBS-MP-280 8H U41 24 HC$ 1.50 MF$ 1.25

DISCLOSURES ON A TRANSROTOR ENGINE, HIGH TEMPERATURE PLATINUM RESISTANCE THERMOMETER, DYNAMIC ANALOG CORRELATION SYSTEM, AND COMBINATION METERING AND SAFETY VALVE FOR FILLING SONDE BALLONS WITH HYDROGEN.
NBS-TN-295 14B U41 24 HC$ 0.25 MF$ 0.50

ON THE USE OF THERMOPILES FOR ABSOLUTE RADIOMETRY IN THE FAR ULTRAVIOLET.
N66-33178 20F S04 19 HC$ 2.00 MF$ 0.50

A COMPUTER PROGRAM FOR INVESTIGATING COMPUTER AND OPERATING SYSTEM TURN-AROUND FOR PROBLEMS EMPLOYING MULTIDIMENSIONAL ARRAYS.
N66-38708 9B S04 23 HC$ 2.00 MF$ 0.50

THE MEASUREMENT OF PROGRAM LOOPING SPEED IN DIGITAL COMPUTERS THROUGH MATRIX INVERSION BY PARTITIONING.
N66-38720 9B S04 23 HC$ 3.00 MF$ 0.75

NATIONAL BUREAU OF STANDARDS, WASHINGTON, D. C. INST. FOR MATERIALS RESEARCH.
STANDARD REFERENCE MATERIALS DETERMINATION OF OXYGEN IN FERROUS MATERIALS SRM 1090, 1091, AND 1092.
NBS-MISC-PUB-260-14 11F U41 24 HC$ 0.30 MF$ 0.50

RESEARCH ON CRYSTAL GROWTH AND CHARACTERIZATION AT THE NATIONAL BUREAU OF STANDARDS, JUNE 1966.
NBS-TN-293 23B U41 24 HC$ 0.25 MF$ 0.50

NATIONAL BUREAU OF STANDARDS, WASHINGTON, D. C. INST. FOR BASIC STANDARDS.
HIGH TEMPERATURE PROPERTIES AND DECOMPOSITION OF INORGANIC SALTS. PART 1. SULFATES.
NBS-NSRDS-7 7D U41 24 HC$ 0.35 MF$ 0.50

NATIONAL CASH REGISTER CO., DAYTON, OHIO.
CHEMICAL RIGIDIZATION OF EXPANDABLE STRUCTURES.
AD-484 442 13M U41 24 HC$ 4.00 MF$ 0.75

NATIONAL COMMITTEE FOR SPACE RESEARCH, HAIFA (ISRAEL). RADIO OBSERVATORY.
IONOSPHERIC RESEARCH USING SATELLITES ANNUAL SUMMARY REPORT.
N66-33523 4A S04 19 HC$ 3.00 MF$ 0.50

NATIONAL ENGINEERING SCIENCE CO., MCLEAN, VA.
MODIFICATION OF WAVE SPECTRA ON THE CONTINENTAL SHELF AND IN THE SURF ZONE.
AD-641 849 8C T66 24 HC$ 4.00 MF$ 0.75

NATIONAL ENVIRONMENTAL SATELLITE CENTER, WASHINGTON, D. C.
NEEDS FOR ENVIRONMENTAL SATELLITES.
PB-173 486 22B U41 24 HC$ 4.00 MF$ 0.75

NATIONAL RESEARCH CORP., CAMBRIDGE, MASS. NORTON EXPLORATORY RESEARCH DIV.
A STUDY OF THE ADHESION AND COHESION OF METALS FOURTH QUARTERLY PROGRESS REPORT, 9 MAR. - 9 JUN. 1966.
N66-32795 11F S04 19 HC$ 1.00 MF$ 0.50

NAVAL AEROSPACE MEDICAL INST., PENSACOLA, FLA.
EXPOSURE OF TRADESCANTIA MICROSPORES TO PERIODIC VIBRATIONS OF 48-100 HERTZ.
AD-641 656 6C T66 24 HC$ 1.00 MF$ 0.50

NAVAL AIR MATERIAL CENTER, PHILADELPHIAPA. AERONAUTICAL MATERIALS LAB.
A RADIOCHEMICAL INVESTIGATION OF THE MECHANISM OF FORMATION OF CYANIDE FILMS ON STEEL COMPONENTS IN ALKALI-CYANIDE ELECTROPLATING BATHS.
AD-641 663 7D T66 24 HC$ 3.60 MF$ 0.50

NAVAL AIR MATERIAL CENTER, PHILADELPHIA, PA. AERONAUTICAL MATERIALS LAB.
A RADIOCHEMICAL INVESTIGATION OF THE MECHANISM OF FORMATION OF CYANIDE FILMS ON STEEL COMPONENTS IN ALKALI-CYANIDE ELECTROPLATING BATHS.
AD-641 662 11F T66 24 HC$ 2.60 MF$ 0.50

NAVAL AMMUNITION DEPOT, CRANE, IND.
SPACE CELL TEST PROGRAM MONTHLY PROGRESS REPORT, 31 JUL. 1966.
N66-38788 19C S04 23 HC$ 5.00 MF$ 1.25

NAVAL APPLIED SCIENCE LAB., BROOKLYN, N. Y.
INVESTIGATION OF MAGNETIC TAPE WEAR CHARACTERISTICS - DEVELOPMENT OF A TAPE WEAR SIMULATOR.
AD-650 169 14C U41 24 HC$ 3.60

NAVAL MEDICAL RESEARCH INST., BETHESDA, MD.
INTEGRATING PHOTOELECTRIC RECORDER FOR PAPER AND OTHER ELECTROPHORETIC MEASUREMENTS.
AD-641 565 6L T66 24 HC$ 1.00 MF$ 0.50

HISTOLOGIC RESPONSE OF BONE TO SECTIONING BY HIGH-SPEED ROTARY INSTRUMENTS.
AD-641 929 6E T66 24

EVALUATION OF A SWIMMER S CONTACT AIR-WATER LENS SYSTEM.
AD-641 997 17H T66 24

4-HYDROXYBUTYRATE AS AN ANESTHETIC AGENT FOR THE RAT.
AD-641 999 6D T66 24

KINETICS AND MECHANISM OF ALBUMIN DENATURATION.
AD-642 001 6A T66 24

AN AUTORADIOGRAPHIC STUDY OF TRYPTOPHANE-H3 INCORPORATION INTO RAT ENAMEL AND DENTINE MATRICES.
AD-642 004 6E T66 24

NAVAL MEDICAL RESEARCH INST., BETHESDA, MD. LAB. OF PHYSICAL BIOCHEMISTRY.
AN ABSORPTION SPECTROPHOTOMETER CELL FOR USE AT HIGH PRESSURES AND ITS APPLICATION TO AN ENZYMIC REACTION.
AD-641 910 6A T66 24 HC$ 1.00 MF$ 0.50

NAVAL MEDICAL RESEARCH UNIT. NO. 2, TAIPEI (TAIWAN). SPECIFIC AND NONSPECIFIC PASSIVE IMMUNITY IN INFANT RABBIT CHOLERA.
AD-642 003 6E T66 24

NAVAL ORDNANCE LAB., WHITE OAK, MD.
A STUDY OF THE ROLE OF MECHANICAL-STRENGTH PROPERTIES ON THE PHENOMENA OF SPALLATION.
AD-641 874 28K T66 24 HC$ 2.00 MF$ 0.50

COMPLEX RELATIVITY THEORY AND WAVE MECHANICS, (IA).
AD-641 908 20J T66 24 HC$ 2.00 MF$ 0.50

NAVAL ORDNANCE LAB., WHITE OAK, MD. NON-METALLIC MATERIALS DIV.
THERMODYNAMIC PROPERTIES OF POLYBUTENE-1 AND BUTENE-1.
AD-641 867 7D T66 24 HC$ 1.00 MF$ 0.50

THE SYNTHESIS AND CHARACTERIZATION OF SPIRO POLYMERS.
AD-641 873 7C T66 24 HC$ 2.00 MF$ 0.50

NAVAL ORDNANCE TEST STATION, CHINA LAKE, CALIF.
ROCKET LAUNCHER STUDIES.
AD-445 710 19G U41 24 HC$ 2.00

UNDERWATER RANGE-GATED PHOTOGRAPHY.
AD-641 378 14E T66 24 HC$ 2.00 MF$ 0.50

THE DECAY OF SHOCK WAVES,
ATI-33 199 19D U41 24 HC$ 2.60

NAVAL PERSONNEL PROGRAM SUPPORT ACTIVITY, WASHINGTON, D. C. PERSONNEL RESEARCH LAB.
QUALIFICATIONS AND RELATED TRAINING FOR NAVAL RESERVE OFFICERS (1105) NAVAL WARFARE/OPERATIONS, SURFACE, MILITARY SEA TRANSPORTATION SERVICE AND NAVAL CONTROL OF SHIPPING ORGANIZATION,
AD-641 964 5I T66 24 HC$ 3.00 MF$ 0.75

NAVAL PERSONNEL RESEARCH ACTIVITY, SAN DIEGO, CALIF.
SEQUIN A COMPUTERIZED ITEM SELECTION PROCEDURE,
AD-641 813 5J T66 24 HC$ 2.00 MF$ 0.50

NAVAL RADIOLOGICAL DEFENSE LAB., SAN DIEGO, CALIF.
REMOVAL OF SIMULATED FALLOUT FROM ASPHALT STREETS BY FIREHOSING TECHNIQUES,
AD-641 480 18A T66 24 HC$ 4.00 MF$ 0.75

NAVAL RADIOLOGICAL DEFENSE LAB., SAN FRANCISCO, CALIF.
THE NRDL DYNAMIC MODEL FOR FALLOUT FROM LAND SURFACE NUCLEAR BURSTS,
AD-236 287 18C U41 24 HC$ 5.60

GAMMA RAYS RESULTING FROM INTERACTIONS OF 14.7 MEV NEUTRONS WITH MAGNESIUM, ALUMINUM, CALCIUM, TITANIUM AND IRON,
AD-467 464 20H U41 24 HC$ 4.60 MF$ 0.50

AD-467 464 20H U41 24 HC$ 4.60 MF$ 0.50

TRANSMISSIVITY OF THE ATMOSPHERE FOR THERMAL RADIATION FROM NUCLEAR WEAPONS,
AD-641 481 18C T66 24 HC$ 2.00 MF$ 0.50

A COMPUTER CODE FOR ESTIMATING THE PROTECTION OFFERED BY SHIPS AGAINST FALLOUT, BASE SURGE, OR WATER POOL RADIATION,
AD-641 664 13J T66 24 HC$ 2.00 MF$ 0.50

NAVAL RESEARCH LAB., WASHINGTON, D. C.
EFFECTS OF NEUTRON IRRADIATION ON THE PROPERTIES OF REACTOR STRUCTURAL MATERIALS.
AD-433 152 18J U41 24 HC$ 1.60

LONG RANGE FLIGHT TESTS OF THE OMEGA AIRCRAFT RECEIVER,
AD-463 062 17B U41 24 HC$ 2.60

AIRBORNE OMEGA RECEIVER,
AD-481 365 17B U41 24 HC$ 2.60 MF$ 0.50

AD-481 367 17B U41 24 HC$ 2.00 MF$ 0.50

WATER VAPOR OBSERVATIONS AT LOW, MIDDLE, AND HIGH LATITUDES DURING 1964 AND 1965,
AD-641 577 4A T66 24 HC$ 6.00 MF$ 1.25

PREPARATION OF CRFE ALLOYS,
AD-641 896 11F T66 24 HC$ 1.00 MF$ 0.50

PREPARATION AND CHARACTERIZATION OF ULTRA-PURE SOLIDS,
AD-641 958 20L T66 24 HC$ 3.00 MF$ 0.75

USING A PARALLEL-T NETWORK FOR DEVELOPING QUADRATURE VOLTAGES AT VARIABLE FREQUENCIES,
AD-641 985 9A T66 24 HC$ 2.00 MF$ 0.50

REPORT OF NRL PROGRESS,
PB-173 465 14B U41 24 HC$ 1.25 MF$ 0.50

NAVAL RESEARCH LAB., WASHINGTON, D. C. E. O. HULBURT CENTER FOR SPACE RESEARCH,
POLARIZERS FOR THE EXTREME ULTRAVIOLET.
N66-33377 20F S04 19 HC$ 1.00 MF$ 0.50

NAVAL SCHOOL OF AVIATION MEDICINE, PENSACOLA, FLA.
THE ELECTROENCEPHALOGRAM OF THE SQUIRREL MONKEY (SAIMIRI SCIUREUS) IN A VERY HIGH MAGNETIC FIELD.
N66-38729 6S S04 23 HC$ 1.00 MF$ 0.50

NAVAL SCHOOL OF AVIATION MEDICINE, PENSACOLA, FLA. NAVAL AVIATION MEDICAL CENTER,
THE ELECTROENCEPHALOGRAM OF THE SQUIRREL MONKEY (SAIMIRI SCIUREUS) IN A VERY HIGH MAGNETIC FIELD.
N66-38793 6C S04 23 HC$ 1.00 MF$ 0.50

NAVAL SHIP ENGINEERING CENTER, PHILADELPHIA, PA.
REPRESENTATIVE RESEARCH PAPERS OF THE APPLIED PHYSICS DEPARTMENT,
AD-641 842 20D T66 24

NAVAL SUBMARINE MEDICAL CENTER, GROTON, CONN. MEDICAL RESEARCH LAB,
THE EFFECT OF FREQUENCY PASSBAND UPON THE INTELLIGIBILITY OF HELIUM-SPEECH IN NOISE,
AD-641 968 17B T66 24 HC$ 1.00 MF$ 0.50

NAVAL WEAPONS LAB., DAHLGREN, VA,
EXPLOSIVE HARDENING OF IRON AND LOW-CARBON STEEL,
AD-453 901 13H U41 24 HC$ 3.00 MF$ 0.50

MEASURED VERSUS COMPUTED SURFACE WAVE TRAINS OF A RANKINE OVOID,
AD-641 888 20D T66 24 HC$ 3.00 MF$ 0.75

NAVY ELECTRONICS LAB., SAN DIEGO, CALIF.
DIFFUSION IN HYDRODYNAMIC MODELS OF STRATIFIED FLUIDS.
AD-641 403 8C T66 24 HC$ 1.00 MF$ 0.50

PLANKTON AND TURBIDITY,
AD-641 833 8A T66 24 HC$ 3.00 MF$ 0.75

NAVY MEDICAL NEUROPSYCHIATRIC RESEARCH UNIT., SAN DIEGO, CALIF.
THE EVOKED HEART RATE RESPONSE DURING SLEEP,
AD-641 515 6P T66 24

NAVY MINE DEFENSE LAB., PANAMA CITY, FLA.
THEORETICAL AND EXPERIMENTAL PROPAGATION OF ELASTIC WAVES IN AN AIR-FLUID-SOLID AND IN AN AIR-FLUID-SOLID-SOLID SYSTEM,
AD-454 575 17A U41 24 HC$ 2.00

THE DEVELOPMENT OF A SWIMMER TRACKING DEVICE,
AD-641 361 17A T66 24 HC$ 1.00 MF$ 0.50

NEW HAMPSHIRE UNIV., DURHAM. DEPT. OF PHYSICS,
AN ELECTRIC FIELD METER FOR ROCKET AND SATELLITE USE,
N66-37998 4A S04 23 HC$ 4.00 MF$ 0.75

NEW MEXICO STATE UNIV., UNIVERSITY PARK. DEPT. OF MATHEMATICS.
OPERATOR REPRESENTATION THEOREMS,
AD-641 704 12A T66 24

A PARTIAL ANALYSIS OF GO,
AD-641 727 12A T66 24

NEW MEXICO UNIV., ALBUQUERQUE. BUREAU OF ENGINEERING RESEARCH,
THE EFFECT OF HEIGHT OF HIGHWAY FILLS ON THE DESIGN OF CULVERTS. PHASE I. PRESSURE GAGE,
PB-173 490 13B U41 24 HC$ 4.00 MF$ 1.00

NEW YORK STATE DEPT. OF PUBLIC WORKS.
THE INFLUENCE OF NATURAL SAND FINE AGGREGATE ON SOME OF THE PROPERTIES OF HARDENED CONCRETE MORTAR,
PB-173 488 11B U41 24 HC$ 3.00 MF$ 0.75

NEW YORK UNIV., N. Y.
PRELIMINARY STUDIES OF DETECTION TIME AND OTHER FACTORS INVOLVED IN AEW PERFORMANCE,
AD-641 446 17I T66 24 HC$ 2.00 MF$ 0.50

LAYOUT OF THE COMBAT INFORMATION CENTER IN THE PO-2W AIRCRAFT,
AD-641 448 15C T66 24 HC$ 7.60 MF$ 0.75

MODIFICATION OF THE CONTROLS OF THE IP-48/APA-56 RANGE-AZIMUTH INDICATOR,
AD-641 450 5E T66 24

FUNCTIONAL RELATIONSHIP OF TIME DENSITY TO THE DETECTION OF DISCRETE RADAR TARGET EVENTS,
AD-641 452 17I T66 24 HC$ 2.00 MF$ 0.50

EXPERIMENTAL METHODS OF EVALUATING A SYSTEM THE AIRBORNE C.I.C,
AD-641 455 15C T66 24 HC$ 3.00 MF$ 0.75

EFFECT OF ATTITUDE ON JUDGMENTS OF PLAUSIBILITY,
AD-641 558 5J T66 24

NEW YORK UNIV., N. Y. DEPT. OF METEOROLOGY AND OCEANOGRAPHY,
PROJECT MIAH INFORMAL REPORT, DEC. 1965 - MAY 1966.
N66-33437 1B S04 19 HC$ 1.00 MF$ 0.50

NEW YORK UNIV., N. Y. RESEARCH DIV.
REPORT OF INTENSIVE INVESTIGATIONS OF THE PERSONALITY CHARACTERISTICS OF FORTY EIGHT ABOVE-THE-KNEE AMPUTEES,
AD-641 317 6E T66 24 HC$ 6.00 MF$ 1.25

PROBLEMS IN THE FITTING AND SERVICING OF PROSTHETIC DEVICES FOR ABOVE-THE-KNEE AMPUTEES,
AD-641 318 6E T66 24 HC$ 2.00 MF$ 0.50

INVESTIGATIONS WITH RESPECT TO THE DESIGN, CONSTRUCTION, AND EVALUATION OF PROSTHETIC DEVICES. VOL. I,
AD-641 319 6E T66 24 HC$ 5.00 MF$ 1.00

NEW YORK UNIV., N. Y. RESEARCH DIV.
REPORT OF THE QUESTIONNAIRE STUDY OF 69 LIMB MAKERS AND LIMB FITTERS,
AD-641 316 6E T66 24 HC$ 2.00 MF$ 0.50

NORTH CAROLINA UNIV., CHAPEL HILL. DEPT. OF CHEMISTRY,
TWIN-ELECTRODE THIN-LAYER ELECTROCHEMISTRY DETERMINATION OF CHEMICAL REACTION RATES BY DECAY OF STEADY-STATE CURRENT,
AD-641 766 7D T66 24

NORTHEASTERN UNIV., BOSTON, MASS,
ON LINEAR PRODUCT CODES AND THEIR DUALS SCIENTIFIC REPORT NO. 4,
N66-38731 12A S04 23 HC$ 5.00 MF$ 1.25

NORTHROP SPACE LABS., HAWTHORNE, CALIF.
INVESTIGATION OF PEROGNATHUS AS AN EXPERIMENTAL ORGANISM FOR RESEARCH IN SPACE BIOLOGY PROGRESS REPORT, 1 APR. - 30 JUN. 1966.
N66-34072 6F S04 19 HC$ 1.00 MF$ 0.50

A STUDY OF MAN S PHYSICAL CAPABILITIES ON THE MOON. VOLUME I, PART 1 - LUNAR GRAVITY SIMULATION FACILITY,
N66-38494 14B S04 23 HC$ 2.00 MF$ 0.50

N66-38794 14B S04 23 HC$ 2.00 MF$ 0.50

A STUDY OF MAN S PHYSICAL CAPABILITIES ON THE MOON. VOLUME I, PART 2 - INSTRUMENTATION,
N66-38795 6B S04 23 HC$ 2.00 MF$ 0.50

A STUDY OF MAN S PHYSICAL CAPABILITIES ON THE MOON. VOLUME

II, PART 1 - BIOMECHANICS RESEARCH PROGRAM,
N66-38796 6B S04 23 HC$ 4.25 MF$ 2.00

A STUDY OF MAN S PHYSICAL CAPABILITIES ON THE MOON, VOLUME II, PART 2 - BIOMECHANICS RESEARCH PROGRAM APPENDICES,
N66-38797 6B S04 23 HC$ 4.25 MF$ 2.00

A STUDY OF MAN S PHYSICAL CAPABILITIES ON THE MOON, VOLUME III - WORK PHYSIOLOGY RESEARCH PROGRAM,
N66-38798 6B S04 23 HC$ 4.25 MF$ 2.00

NORTHWESTERN UNIV., EVANSTON, ILL. DEPT. OF CIVIL ENGINEERING,
FORCED MOTIONS OF AN ENCASED CYLINDER OF DECREASING THICKNESS,
AD-641 846 20K T66 24

NORTHWESTERN UNIV., EVANSTON, ILL. INFORMATION-PROCESSING AND CONTROL SYSTEMS LAB,
GENERATION OF AN OUTPUT REGULAR EXPRESSION OF A SEQUENTIAL MACHINE WITH A SPECIFIED INPUT REGULAR EXPRESSION,
AD-641 749 9B T66 24 HC$ 1.00 MF$ 0.50

OAK RIDGE NATIONAL LAB., TENN.
EFFICIENCY OF ORGANIC SCINTILLATORS FOR FAST NEUTRONS,
N66-33434 18K S04 19 HC$ 3.00 MF$ 0.75

NASA TUNGSTEN REACTOR RADIATION CHEMISTRY STUDIES FINAL REPORT,
N66-38496 7E S04 23 HC$ 3.00 MF$ 1.00

TEMPERATURE DEPENDENCE OF THE RESPONSE OF LITHIUM-DRIFTED GERMANIUM DETECTORS TO GAMMA RAYS,
N66-38713 18D S04 23 HC$ 3.00 MF$ 0.75

OFFICE OF AVIATION MEDICINE, FEDERAL AVIATION AGENCY, WASHINGTON, D. C.
PROBLEMS IN DEPTH PERCEPTIONS EQUIDISTANCE JUDGMENTS IN THE VICINITY OF A BINOCULAR ILLUSION,
AD-641 476 9J T66 24 HC$ 1.00 MF$ 0.50

IN-FLIGHT RESPONSE TO A NEW NON-GYROSCOPIC BLIND FLIGHT INSTRUMENT,
AD-641 479 1D T66 24 HC$ 1.00 MF$ 0.50

OFFICE OF NAVAL RESEARCH, WASHINGTON, D. C.
FOURTH SYMPOSIUM ON NAVAL HYDRODYNAMICS. PROPULSION HYDROELASTICITY, AUGUST 27-31, 1962, WASHINGTON, D, C.,
AD-447 732 20D U41 24

OHIO STATE UNIV. RESEARCH FOUNDATION, COLUMBUS.
SYNTHESIS AND PROPERTIES OF NAPHTHO- AND PHENANTHRAQUINONES,
AD-641 609 7C T66 24 HC$ 1.00 MF$ 0.50

OHIO STATE UNIV. RESEARCH FOUNDATION, COLUMBUS. ANTENNA LAB,
THE SUBSTITUTION OF A SEMI-INFINITE, HOMOGENEOUS DIELECTRIC MEDIUM FOR A PLASMA SLAB,
N66-34043 20I S04 19 HC$ 3.00 MF$ 0.75

OHIO STATE UNIV., COLUMBUS. ANTENNA LAB,
THEORETICAL AND EXPERIMENTAL INVESTIGATIONS OF SPACECRAFT ANTENNA PROBLEMS IN THE VARIED OPERATIONAL ENVIRONMENTS OF FAR-OUT-SPACE AND ATMOSPHERIC RE-ENTRY SEMIANNUAL REPORT, 1 JAN. - 31 JUL. 1966,
N66-38711 9F S04 23 HC$ 1.00 MF$ 0.50

OHIO STATE UNIV., COLUMBUS. DEPT. OF PHYSICS.
OPTICAL MASER PHOTON RATE GYROSCOPE,
N66-33372 20E S04 19 HC$ 1.00 MF$ 0.50

AN EVALUATION OF THE OPTICAL MASER PHOTON RATE GYROSCOPE,
N66-33411 20E S04 19 HC$ 2.00 MF$ 0.50

OHIO STATE UNIV., RESEARCH FOUNDATION, COLUMBUS,
THE DEPENDENCE OF THE DIFFUSIVITIES OF IMPURITIES IN SILICON ON BACKGROUND DOPING AND SURFACE CONCENTRATION,
AD-274 969 20L U41 24 HC$ 4.60

THE EFFECT OF CONTEXT ON AURAL PERCEPTION OF WORDS,
AD-641 839 9J T66 24

OHIO UNIV., ATHENS. DEPT. OF PHYSICS,
NUCLEON SINGLE-PARTICLE LEVELS IN A DIFFUSE NONLOCAL POTENTIAL WELL,
AD-641 542 20H T66 24

OKLAHOMA STATE UNIV., STILLWATER, SCHOOL OF MECHANICAL ENGINEERING,
RESEARCH ON A SELF-TEMPERATURE REGULATING SPACECRAFT SKIN SYSTEM PROGRESS REPORT, DEC. 1, 1965 - MAY 31, 1966,
N66-34070 22B S04 19 HC$ 2.00 MF$ 0.50

OKLAHOMA UNIV., NORMAN,
SUFFICIENT CONDITIONS FOR GLOBAL EXTREMA IN THE CALCULUS OF VARIATIONS,
AD-641 453 12A T66 24

OPERATIONS RESEARCH CENTER, UNIV. OF CALIF., BERKELEY,
TRAFFIC SIGNAL SYNCHRONIZATION ON A ONE-WAY STREET,
AD-641 844 13B T66 24 HC$ 2.00 MF$ 0.50

OPERATIONS RESEARCH, INC., SANTA MONICA, CALIF,
OPTIMUM SECONDARY IMPULSE FOR INTERPLANETARY TRANSFER TECHNICAL NOTE 64-21,
N66-32759 22C S04 19 HC$ 2.00 MF$ 0.50

OSLO UNIV., (NORWAY), INST. OF PHYSICS,
HIGH ENERGY PHYSICS WITH EMPHASIS ON STRANGE PARTICLES,
AD-641 991 20H T66 24 HC$ 3.00 MF$ 0.75

PENNSYLVANIA STATE UNIV., UNIVERSITY PARK,
ROOT LOCUS DIAGRAMS BY DIGITAL COMPUTER,
N66-33462 12A S04 19 HC$ 2.00 MF$ 0.50

PENNSYLVANIA STATE UNIV., UNIVERSITY PARK. DEPT. OF GEOLOGY AND GEOPHYSICS.
ESTIMATION OF THE DEPTH OF FOCUS OF THE MAY 19, 1963 ECUADOR EARTHQUAKE,
AD-641 366 8K T66 24 HC$ 3.00 MF$ 0.75

PENNSYLVANIA STATE UNIV., UNIVERSITY PARK. MATERIALS RESEARCH LAB,
THE ELASTIC CONSTANTS OF SOME ALKALI HALIDES AS A FUNCTION OF TEMPERATURE AND COMPOSITION,
AD-641 653 20K T66 24 HC$ 9.00 MF$ 1.25

PENNSYLVANIA STATE UNIV., UNIVERSITY PARK. MATERIALS RESEARCH LAB,
RELATION OF MECHANICAL PROPERTIES TO THE STRUCTURE OF IONIC SOLIDS,
AD-641 911 11B T66 24 HC$ 2.00 MF$ 0.50

PHILCO CORP., PALO ALTO, CALIF. WDL DIV.
EARTH-BASED TRACKING OF A LUNAR BEACON,
N66-38787 17I S04 23 HC$ 3.00 MF$ 0.75

PHILCO CORP., PALO ALTO, CALIF. WESTERN DEVELOPMENT LABS.
SOLAR PROBE STUDY. BOOK A, APPENDIX 2 - MISSION ANALYSIS,
N66-32785 22B S04 19 HC$ 3.00 MF$ 0.75

PHILLIPS PETROLEUM CO., BARTLESVILLE, OKLA. RESEARCH DIV.
THERMAL STABILITY OF HYDROCARBON FUELS,
AD-641 419 21D T66 24 HC$ 6.00 MF$ 1.50

PHYLATRON CORP., COLUMBUS, OHIO,
SILICON DIODE FAST NEUTRON DOSIMETER, PHASE I, EVALUATION OF RESPONSE VERSUS STARTING MATERIAL,
AD-641 843 18D T66 24 HC$ 2.00 MF$ 0.50

PHYSICS INTERNATIONAL CO., SAN LEANDRO, CALIF.
THE DEVELOPMENT OF AN EXPLOSIVELY DRIVEN HYPERVELOCITY GAS GUN FINAL REPORT,
N66-32788 14B S04 19 HC$ 2.50 MF$ 0.75

PICATINNY ARSENAL, DOVER, N. J. AMMUNITION ENGINEERING DIRECTORATE,
DEFICIENCY INVESTIGATION OF THE 1-LB. TNT DEMOLITION BLOCK CHARGE,
AD-641 643 19A T66 24 HC$ 2.00 MF$ 0.50

PICATINNY ARSENAL, DOVER, N. J. PLASTICS AND PACKAGING LAB,
EXPLORATION OF THE FEASIBILITY OF PREPARING DOUBLE CHAIN NOVOLAC RESINS,
AD-641 872 11A T66 24 HC$ 2.00 MF$ 0.50

PICATINNY ARSENAL, DOVER, N. J. PYROTECHNICS LAB,
STORAGE STABILITY OF PYROTECHNIC COMPOSITIONS CONTAINING VINYL ALCOHOL ACETATE RESIN,
AD-641 893 19A T66 24 HC$ 2.00 MF$ 0.50

PICATINNY ARSENAL, DOVER, N. J. QUALITY ASSURANCE DIV,
SAFETY MARGINS AND ULTIMATE RELIABILITY,
AD-641 495 14D T66 24 HC$ 1.60 MF$ 0.50

PITMAN-DUNN RESEARCH LABS., FRANKFORD ARSENAL, PHILADELPHIA, PA,
A GLASS LASER COUPLING REFLECTOR,
AD-641 513 20E T66 24

PHOTOELASTIC STUDIES OF DYNAMIC STRESSES IN HIGH MODULUS MATERIALS,
AD-641 984 20K T66 24

PITTSBURGH UNIV., PA,
THE EIGENVALUE PROBLEM FOR BEAMS AND RECTANGULAR PLATES WITH LINEARLY VARYING IN-PLANE AND AXIAL LOAD,
N66-33025 20K S04 19 HC$ 2.00 MF$ 0.50

PITTSBURGH UNIV., PA. DEPT. OF CHEMISTRY,
PHOSPHONIC ACIDS AND ESTERS. XV. PREPARATION AND PROTON MAGNETIC RESONANCE SPECTRA OF THE DIETHYL ALPHA- AND BETA-CHLOROVINYLPHOSPHONATES,
AD-641 731 7C T66 24

PITTSBURGH UNIV., PA. GRADUATE SCHOOL OF BUSINESS.
EFFECTS ON THE SUBSEQUENT PERFORMANCE OF NEGOTIATORS OF STUDYING ISSUES OR PLANNING STRATEGIES ALONE OR IN GROUPS,
AD-641 385 9J T66 24

PITTSBURGH UNIV., PA. MANAGEMENT RESEARCH CENTER,
SOME EFFECTS ON BUSINESS GAMING OF PREVIOUS QUASI-T GROUP AFFILIATIONS,
AD-641 652 9A T66 24 HC$ 1.00 MF$ 0.50

PITTSBURGH UNIV., WASHINGTON, D. C. RESEARCH STAFF,
DEVELOPMENT OF CHINESE IDEOGRAPHIC COMPOSING MACHINE,
AD-478 589 14E U41 24 HC$ 1.00 MF$ 0.50

PLASTICS TECHNICAL EVALUATION CENTER, PICATINNY ARSENAL, DOVER, N. J.
SUBJECT INDEX, BIBLIOGRAPHY, AND CODE DESCRIPTION OF TECHNICAL CONFERENCE PAPERS ON PLASTICS 5 MARCH 1965 - 10 MARCH 1966,
AD-641 666 11I T66 24 HC$ 4.00 MF$ 1.00

POLYTECHNIC INST. OF BROOKLYN, FARMINGDALE, N. Y. DEPT. OF ELECTROPHYSICS,
THE SYNTHESIS OF NETWORKS CONTAINING LUMPED AND DISTRIBUTED ELEMENTS. PARTS I AND II,
AD-641 898 9E T66 24 HC$ 4.00 MF$ 0.75

POLYTECHNIC INST. OF BROOKLYN, N. Y. DEPT. OF AEROSPACE ENGINEERING AND APPLIED MECHANICS.
RADIATION FROM ROCKET EXHAUST PLUMES,
AD-641 612 21B T66 24 HCS 2.00 MFS 0.50

POLYTECHNIC INST. OF BROOKLYN, N. Y. DEPT. OF CHEMICAL ENGINEERING.
THERMALLY REGENERABLE CARBON DIOXIDE ABSORBENT SYSTEM FINAL REPORT, 1 MAY 1964 - 31 JAN. 1966.
N66-33499 7A S04 19 HCS 3.75 MFS 1.50

POLYTECHNIC INST. OF BROOKLYN, N. Y. MICROWAVE RESEARCH INST.
MEASUREMENT OF DIFFERENTIAL PHASE SHIFT,
AD-111 685 14B U41 24 HCS 2.60

THE THEORY OF PLASMA RADIATION,
AD-248 852 20I U41 24 HCS 1.60

PRATT AND WHITNEY AIRCRAFT, EAST HARTFORD, CONN.
INVESTIGATION OF MECHANISMS FOR ELECTROCHEMICAL CATALYSIS.
AD-641 412 10B T66 24 HCS 2.00 MFS 0.50

BRAYTON-CYCLE TURBOMACHINERY ROLLING-ELEMENT BEARING SYSTEM FOURTH QUARTERLY REPORT, 2 APR. - 2 JUL. 1966.
N66-38491 13I S04 23 HCS 2.00 MFS 0.50

PRINCETON UNIV., N. J.
SHORT-CUT MULTIPLE COMPARISONS FOR BALANCED SINGLE AND DOUBLE CLASSIFICATIONS. PART 2. DERIVATIONS AND APPROXIMATIONS,
AD-641 845 12A T66 24

ABSORPTION SPECTRUM OF THE NO MOLECULE. V - SURVEY OF EXCITED STATES AND THEIR INTERACTIONS.
N66-33367 7D S04 19 HCS 2.00 MFS 0.50

PRINCETON UNIV., N. J. BUREAU OF URBAN RESEARCH.
THE IMPACT OF LARGE INSTALLATIONS ON NEARBY AREAS,
AD-641 929 13B T66 24 HCS 9.65 MFS 2.75

PRINCETON UNIV., N. J. DEPT. OF AEROSPACE AND MECHANICAL SCIENCES.
MIXING AND HEAT TRANSFER OF AN ARGON ARCJET WITH A COAXIAL FLOW OF COLD HELIUM FINAL REPORT.
N66-37643 21C S04 23 HCS 3.00 MFS 0.75

PRINCETON UNIV., N. J. DEPT. OF PSYCHOLOGY.
SYMBOLS VIA LEARNING SET,
AD-641 479 5J T66 24

PRINCETON UNIV., N. J. GAS DYNAMICS LAB.
KINETIC THEORY OF MOLECULAR RADIOMETRIC FORCE AND RADIOMETER,
AD-480 791 7D U41 24 HCS 2.00 MFS 0.50

PROPELLEX DIV., CHROMALLOY CORP., EVANSVILLE, ILL.
A STUDY OF MODERNIZED TECHNIQUES FOR THE MANUFACTURE OF BLACK POWDER.
AD-232 649 19A U41 24 HCS 9.60

PSYCHOLOGICAL LAB., JOHNS HOPKINS UNIV., BALTIMORE, MD.
PROBLEMS OF SYSTEMS COORDINATION AND PLANS FOR DEALING WITH THEM,
AD-58 739 5H U41 24 HCS 1.10

PUGET SOUND NAVAL SHIPYARD, BREMERTON, WASH. MATERIAL LABS.
WHITE OAK LAMINATES COMPARISON OF 12-DAY AND 3-HOUR DELINATION TEST RESULTS,
AD-641 984 11L T66 24 HCS 1.00 MFS 0.50

PURDUE UNIV., LAFAYETTE, IND. JOINT HIGHWAY RESEARCH PROJECT.
AIRPHOTO INTERPRETATION OF ENGINEERING SOILS OF ALLEN COUNTY, INDIANA,
PB-173 494 8B U41 24 HCS 2.00 MFS 0.50

COUNTY ENGINEERING SOILS MAPS.
PB-173 498 8B U41 24 HCS 1.10 MFS 0.50

RADIO CORP. OF AMERICA, MOORESTOWN, N. J. MISSILE AND SURFACE RADAR DIV.
OPTIMUM WAVEFORM STUDY FOR COHERENT PULSE DOPPLER.
AD-641 391 17I T66 24 HCS 6.00 MFS 1.25

RADIO CORP. OF AMERICA, NEW YORK, ADVANCED COMMUNICATIONS LAB.
SIGNAL ENHANCEMENT TECHNIQUES.
AD-641 413 9E T66 24 HCS 3.00 MFS 0.75

RAND CORP., SANTA MONICA, CALIF.
APPLICATION OF DYNAMIC PROGRAMMING TO THE AIRPLANE MINIMUM TIME-TO-CLIMB PROBLEM,
AD-101 998 17G U41 24 HCS 2.60

ON THE PROBLEM OF DETERMINING THE POSITION ON A TARGET WITH CONSTANT SIGNAL IN THE PRESENCE OF CIRCUIT NOISE OR CHAFF.
AD-101 872 17I U41 24 HCS 2.60

A STATISTICAL THEORY OF TARGET DETECTION BY PULSED RADAR,
AD-101 287 17I U41 24 HCS 8.60

A STATISTICAL THEORY OF TARGET DETECTION BY PULSED RADAR MATHEMATICAL APPENDIX,
AD-101 882 17I U41 24 HCS 4.00

A STUDY TO DETERMINE THE FLIGHT PATHS WHICH REQUIRE MINIMUM TIME AND MINIMUM FUEL FOR A TYPICAL PRESENT DAY INTERCEPTOR,
AD-102 696 1B U41 24 HCS 1.60

CLIMB PATH FOR LEAST ELAPSED TIME.
AD-102 697 17G U41 24 HCS 1.60

THE THEORY OF INFORMATION.
AD-116 555 9D U41 24 HCS 5.60

THE ADVANTAGES OF FUNCTIONAL PACKAGING OF ELECTRONIC EQUIPMENT,
AD-224 277 9C U41 24 HCS 1.10

BASIC SURVIVAL PROBABILITY EXPRESSIONS FOR AIR COMBAT MODELS,
AD-224 572 15G U41 24 HCS 1.10

THE FLIGHT OPERATIONS PLANNER.
AD-227 738 15G U41 24 HCS 9.60

AN IDENTIFICATION SYSTEM FOR USE AS AN AID TO RAID DETECTION AND AIR TRAFFIC CONTROL.
AD-238 841 17G U41 24 HCS 4.60

AIRCRAFT COMPARTMENT DESIGN CRITERIA FOR THE ARMY DEPLOYMENT MISSION,
AD-241 637 1C U41 24 HCS 4.60

THE ROLE OF DATA INPUT IN AUTOMATIC DATA PROCESSING SYSTEMS.
AD-252 910 9B U41 24 HCS 3.60

LOCAL BEHAVIOR OF STATIONARY GAUSSIAN PROCESSES,
AD-641 323 12A T66 24 HCS 3.00 MFS 0.75

EQUILIBRIUM SYSTEMS FOR STABLE PROCESSES,
AD-641 329 12A T66 24 HCS 2.00 MFS 0.50

A NUMERICAL STUDY OF THE WIND-DRIVEN TRANSIENT CIRCULATION IN A HOMOGENEOUS OCEAN,
AD-641 330 8C T66 24 HCS 3.00 MFS 0.75

A MODEL FOR THE DESIGN AND EVALUATION OF AIR CARGO SYSTEMS,
AD-641 335 15E T66 24 HCS 3.00 MFS 0.75

NOTES ON INCENTIVE CONTRACTING,
AD-641 336 9A T66 24 HCS 2.00 MFS 0.50

SELECTION DISCIPLINES IN A SINGLE-SERVER QUEUEING SYSTEM,
AD-641 357 12B T66 24 HCS 5.00 MFS 1.00

ORIGIN AND HISTORY OF PROGRAM BUDGETING,
AD-641 442 5A T66 24 HCS 1.00 MFS 0.50

COST-EFFECTIVENESS CONSIDERATIONS IN THE DESIGN AND EMPLOYMENT OF ARMY OFF-ROAD VEHICLES,
AD-641 644 13F T66 24 HCS 3.00 MFS 0.50

AN ANALYSIS OF THE TWO-DIMENSIONAL PARTICLE-IN-CELL METHOD,
AD-641 655 19D T66 24 HCS 3.00 MFS 0.50

TAIWAN IN 1966,
AD-641 665 5D T66 24 HCS 1.00 MFS 0.50

THE TERMINATION OF CERTAIN ITERATIVE PROCESSES,
AD-641 667 12A T66 24 HCS 1.00 MFS 0.50

AN ECONOMIC THEORY OF ALLIANCES,
AD-641 855 5C T66 24 HCS 2.00 MFS 0.50

THE PARTY OF BIG BUSINESS AND THE PARTY OF THE PEOPLE A NOTE ON TRENDS IN THE CORPORATE PROFIT SHARE,
AD-641 909 5C T66 24 HCS 1.00 MFS 0.50

EFFECT OF VOLUMETRIC ABSORPTION COEFFICIENT ON ROSSELAND RADIATIVE HEAT TRANSFER,
AD-641 954 20M T66 24 HCS 1.00 MFS 0.50

THE WAGE SURVEY AS A MANAGERIAL TOOL,
AD-641 955 5A T66 24 HCS 1.00 MFS 0.50

THE SHORT RUN AND THE LONG WALK. (PARTS I AND II),
AD-641 956 15B T66 24 HCS 1.00 MFS 0.50

PROBABILITY OF DETECTION FOR FLUCTUATING TARGETS,
AD-80 638 17I U41 24 HCS 4.60

STATISTICAL THEORY OF NAVIGATION EMPLOYING INDEPENDENT INERTIAL AND VELOCITY MEASUREMENTS,
AD-85 423 17G U41 24 HCS 9.60

DETECTION RANGE OF AN ACTIVE RADAR SEEKER,
AD-85 427 17I U41 24 HCS 3.60

THE COST OF UNRELIABILITY OF AIR FORCE AIRBORNE ELECTRONIC EQUIPMENT AS PRESENTED BY THE COST OF MAINTENANCE.
AD-85 471 15E U41 24 HCS 3.60

STATISTICAL THEORY OF NAVIGATION EMPLOYING INDEPENDENT INERTIAL AND VELOCITY MEASUREMENTS MINIMUM RMS ERROR IN COMPUTED POSITION.
AD-85 982 17G U41 24 HCS 2.60

COMMUNICATION SATELLITE OUTPUT DEVICES.
N66-33181 17B S04 19 HCS 2.00 MFS 0.50

ADAPTIVE AGE REPLACEMENT.
N66-38714 14D S04 23 HCS 1.00 MFS 0.50

RCA VICTOR CO., LTD., MONTREAL (QUEBEC). RESEARCH LABS.
APPENDIX - SOME SPECTROSCOPIC OBSERVATIONS OF THE INTERACTION BETWEEN A PLASMA WIND AND A DIPOLE MAGNETIC FIELD.
N66-32764 20I S04 19 HCS 1.00 MFS 0.50

REACTION MOTORS DIV., THIOKOL CHEMICAL CORP., DENVILLE, N.

J.
DIELECTRIC MATERIALS FOR HIGH TEMPERATURE APPLICATION,
AD-338 257 11G U41 24 HC$ 2.60

REACTOR GROUP, UNITED KINGDOM ATOMIC ENERGY AUTHORITY, CULCHETH (ENGLAND).
IRRADIATION DAMAGE IN MILD STEEL. A COMPARISON OF CRACK ARREST TEST AND CHARPY CRITERIA AND THE INFLUENCE OF NEUTRON SPECTRUM,
N66-37780 18H S04 23 HC$ 2.00 MF$ 0.50

IMPLICATIONS OF EMBRITTLEMENT DURING THE LIFE OF A ZIRCONIUM PRESSURE TUBE REACTOR,
N66-37781 18I S04 23 HC$ 2.00 MF$ 0.50

THE EFFECT OF DEFECTS ON THE BASAL PLANE THERMAL CONDUCTIVITY OF A GRAPHITE CRYSTAL. PART 2 - COMPARISON OF THE THEORY OF POINT DEFECT SCATTERING WITH CHANGES OF CONDUCTIVITY INDUCED BY FAST NEUTRON IRRADIATION. PART 3 - TEST OF THE THEORY OF GRAIN BOUNDARY SCATTERING.
N66-37785 25B S04 23 HC$ 1.00 MF$ 0.50

RENSSELAER POLYTECHNIC INST., TROY, N. Y.
ON THE REALIZATION OF THE EIGENVALUES OF INTEGRAL EQUATIONS WHOSE KERNELS ARE ENTIRE OR MEROMORPHIC IN THE EIGENVALUE PARAMETER,
AD-641 445 12A T66 24

NONLINEAR ASPECTS OF INSTABILITY IN FLOW BETWEEN ROTATING CYLINDERS,
AD-641 841 20D T66 24

RENSSELAER POLYTECHNIC INST., TROY, N. Y. DEPT. OF MATERIALS ENGINEERING,
EXPERIMENTAL X-RAY STRESS ANALYSIS PROCEDURES FOR ULTRA HIGH STRENGTH MATERIALS,
N66-33410 11F S04 19 HC$ 1.00 MF$ 0.50

RENSSELAER POLYTECHNIC INST., TROY, N. Y. INTERDISCIPLINARY MATERIALS RESEARCH CENTER,
IDENTIFICATION OF UNCOMMON NON-CRYSTALLINE SOLIDS AS REA GLASSES.
N66-33185 11B S04 19 HC$ 1.00 MF$ 0.50

RENSSELAER POLYTECHNIC INST., TROY, N. Y. PLASMA RESEARCH LAB.
RADIATION TEMPERATURE MEASUREMENTS OF THE NITROGEN AFTERGLOW PLASMA,
N66-34074 20I S04 19 HC$ 1.00 MF$ 0.50

REPUBLIC AVIATION CORP., FARMINGDALE, N. Y.
DETERMINATION OF THE INDIGENOUS MICROFLORA OF MEN IN CONTROLLED ENVIRONMENTS FINAL REPORT, JUL. 1964 - NOV. 1965,
N66-38192 6M S04 23 HC$ 7.00 MF$ 2.00

SOLAR FLARE HAZARD TO EARTH-ORBITING VEHICLES FINAL REPORT,
N66-38758 20H S04 23 HC$ 2.00 MF$ 0.50

RESEARCH LAB. OF ELECTRONICS, MASS. INST. OF TECH., CAMBRIDGE.
ERROR BOUNDS FOR PARALLEL COMMUNICATION CHANNELS,
AD-641 325 17B T66 24 HC$ 3.00 MF$ 0.75

RESOURCES DEVELOPMENT INST., HUNTINGTON STATION, N. Y.
MATCHED INDUCTIVE PLATE RADOME,
AD-641 355 17I T66 24 HC$ 2.00 MF$ 0.50

RHODE ISLAND UNIV., KINGSTON. DIV. OF ENGINEERING RESEARCH AND DEVELOPMENT.
STABILIZATION OF SILTY SOILS WITH PORTLAND CEMENT AND SODIUM SULFATE,
PB-173 489 13B U41 24 HC$ 2.00 MF$ 0.50

RICE UNIV., HOUSTON, TEX,
THREE-DIMENSIONAL CONFIGURATIONS OF MINIMUM TOTAL DRAG IN NEWTONIAN FLOW,
AD-468 762 20D U41 24 HC$ 3.60 MF$ 0.50

EASY SLIDE IN MOLYBDENUM CRYSTALS.
N66-33404 11F S04 19 HC$ 1.00 MF$ 0.50

THE EFFECTS OF DEFORMATION ON THE ELECTRICAL RESISTIVITY OF MOLYBDENUM SINGLE CRYSTALS.
N66-33405 11F S04 19 HC$ 2.00 MF$ 0.50

RICE UNIV., HOUSTON, TEX. DEPT. OF CHEMISTRY.
SUBLIMATION PRESSURES OF REFRACTORY FLUORIDES.
N66-33392 7D S04 19 HC$ 1.00 MF$ 0.50

RICE UNIV., HOUSTON, TEX. DEPT. OF ELECTRICAL ENGINEERING,
MODIFIED TECHNIQUE FOR MEASURING DIELECTRIC CONSTANTS USING A RECTANGULAR CAVITY RESONATOR,
N66-33393 9C S04 19 HC$ 3.00 MF$ 0.50

A DISTRIBUTED PARAMETERS MODEL FOR SOLAR CELLS.
N66-33403 10A S04 19 HC$ 1.00 MF$ 0.50

RICE UNIV., HOUSTON, TEX. DEPT. OF SPACE SCIENCE.
DETECTABILITY OF LUNAR X-RAYS,
AD-641 543 3B T66 24

RICHARDSON, BELLOWS, HENRY AND CO., INC., NEW YORK.
ACADEMIC GRADES OF STUDENTS IN THE NAVAL SCHOOL OF PRE-FLIGHT,
AD-641 588 5I T66 24 HC$ 2.00 MF$ 0.50

A SUMMARY OF OPERATIONAL RESEARCH IN THE NAVAL AIR TRAINING COMMAND,
AD-641 589 5I T66 24 HC$ 12.60 MF$ 0.75

CONSTRUCTION OF THREE MEASURES FOR INSTRUCTOR EVALUATION,
AD-641 590 5I T66 24 HC$ 2.00 MF$ 0.50

PRELIMINARY VALIDATION OF THE INSTRUCTORS EVALUATION REPORT,
AD-641 591 5I T66 24 HC$ 2.00 MF$ 0.50

SUPPLEMENTARY REPORT ON PROJECT ON PRE-FLIGHT GRADES,
AD-641 592 5I T66 24 HC$ 1.00 MF$ 0.50

A STUDY OF INDIVIDUAL DIFFERENCES AMONG NAVAL AVIATION STUDIENTS,
AD-641 593 5I T66 24 HC$ 2.00 MF$ 0.50

STUDY SKILLS OF NAVAL AVIATION STUDENTS ANALYSIS OF THE PROBLEM AND RECOMMENDATIONS,
AD-641 594 5I T66 24 HC$ 3.00 MF$ 0.50

THE DEVELOPMENT OF AVIATION TRAINING SYLLABUS MATERIAL,
AD-641 595 5I T66 24 HC$ 2.00 MF$ 0.50

REPORT ON BILLET ANALYSIS AND EVALUATION,
AD-641 596 5I T66 24 HC$ 5.60 MF$ 0.50

AMPLIFYING THE INSTRUCTOR TRAINING PROGRAM IN THE NAVAL AIR BASIC TRAINING COMMAND,
AD-641 597 5I T66 24 HC$ 2.60 MF$ 0.50

EDUCATIONAL RESEARCH PROJECT,
AD-641 598 5I T66 24 HC$ 7.60 MF$ 0.75

THE TRAINING SURVEY A METHOD OF EVALUATING TRAINING WITH THE 1968 ANNUAL SURVEY AS AN EXAMPLE,
AD-641 599 5I T66 24 HC$ 14.90 MF$ 1.00

DEVELOPMENT OF EVALUATION PROCEDURES FOR PROTOTYPE DEVICES,
AD-641 600 5I T66 24 HC$ 3.00 MF$ 0.75

VALIDATION FIELD STUDY OF EVALUATION PROCEDURES,
AD-641 601 5I T66 24 HC$ 2.00 MF$ 0.50

STUDY OF BASIC FIXED GUNNERY,
AD-641 624 5I T66 24 HC$ 3.00 MF$ 0.75

COMBAT RECOGNITION REQUIREMENTS,
AD-641 850 5I T66 24 HC$ 10.60 MF$ 0.75

NAVY RECOGNITION TRAINING,
AD-641 879 5I T66 24 HC$ 7.60 MF$ 0.75

A GUIDE FOR DETERMINING TRAINING AID AND DEVICE REQUIREMENTS,
AD-641 912 5I T66 24 HC$ 2.00 MF$ 0.50

ROCHESTER UNIV., N. Y.
THE EFFECTS OF INERTIA ON THE ACCURACY OF KNOB SETTINGS,
AD-109 235 5E U41 24 HC$ 1.10

THE EFFECTS OF FRICTION ON THE ACCURACY OF KNOB SETTINGS,
AD-109 236 5E U41 24 HC$ 1.10

ACCURACY OF SETTING CONTROL KNOBS AS FUNCTIONS OF DIRECTIONS OF FINAL MOVEMENT AND NUMBER OF SETTINGS,
AD-109 237 5E U41 24 HC$ 1.10

THE EFFECT OF INTERMITTENT COURSE ILLUMINATION OF DIFFERING FREQUENCIES ON TRACKING PERFORMANCE,
AD-109 238 5E U41 24 HC$ 1.60

TRANSFER EFFECTS IN FOLLOWING TRACKING RESULTING FROM REVERSAL OF THE DISPLAY-CONTROL RELATIONSHIP ON ALTERNATE BLOCKS OF TRIALS,
AD-91 494 5E U41 24 HC$ 1.10

ROCHESTER UNIV., N. Y. DEPT. OF PHYSICS AND ASTRONOMY.
A HEURISTIC MODEL FOR THE VARIATION WITH RIGIDITY OF THE COSMIC-RAY CHARGE SPECTRUM,
AD-641 687 3B T66 24

DIRECT RADIATIVE EXCITON-EXCITON ANNIHILATION,
AD-641 811 7E T66 24

ROCHESTER UNIV., N. Y. DEPT. OF PSYCHOLOGY.
BUILDING FEEL INTO CONTROLS THE EFFECT ON MOTOR PERFORMANCE OF DIFFERENT KINDS AND AMOUNTS OF FEEDBACK,
AD-92 587 5E U41 24 HC$ 2.60

ROCKET PROPULSION ESTABLISHMENT, WESCOTT (ENGLAND).
THE EFFECT OF PRE-STRAINING OF THE TENSILE PROPERTIES OF STAINLESS STEEL EN58B AT 20C AND -196C.
AD-641 902 11F T66 24 HC$ 2.00 MF$ 0.50

ROCKETDYNE, CANOGA PARK, CALIF. RESEARCH DEPT.
FLUORINE-HYDROGEN PERFORMANCE EVALUATION. PHASE I, PART I - ANALYSIS, DESIGN, AND DEMONSTRATION OF HIGH PERFORMANCE INJECTORS FOR THE LIQUID FLUORINE-GASEOUS HYDROGEN COMBINATION FINAL REPORT,
N66-32923 21H S04 19 HC$ 3.75 MF$ 1.25

ROME AIR DEVELOPMENT CENTER, GRIFFIS AFB, N. Y.
METALLIZATION FAILURES IN SEMICONDUCTOR DEVICES,
AD-641 563 9A T66 24 HC$ 1.00 MF$ 0.50

ROME AIR DEVELOPMENT CENTER, GRIFFISS AFB, N. Y.
MAINTAINABILITY DEMONSTRATION MIL-STD-471,
AD-641 369 9A T66 24 HC$ 1.00 MF$ 0.50

ULTRA WIDEBAND DIGITAL DELAY LINE,
AD-641 370 9A T66 24 HC$ 3.00 MF$ 0.75

SINGLE AND CASCADED WIDEBAND TRANSISTOR AMPLIFIERS,
AD-641 648 9E T66 24 HC$ 4.00 MF$ 0.75

ROSEMOUNT ENGINEERING CO., MINNEAPOLIS, MINN.
DEVELOPMENT OF A FAST RESPONSE TEMPERATURE GAGE FOR ROCKET VEHICLE PLUMBING SYSTEMS FINAL REPORT, 24 JUN, 1964 - 24 JUN, 1965.
N66-37905 14B S04 23 HC$ 3.00 MF$ 0.75

ROYAL AIRCRAFT ESTABLISHMENT, FARNBOROUGH (ENGLAND).
THE RAPID COMPUTATION OF EARTH-SATELLITE EPHEMERIDES BY A METHOD USING FOURIER SERIES.
AD-443 216 22C U41 24 HC$ 3.00

FLUOROAROMATIC POLYMERS, PERFLUORO-P-TERPHENYL, -QUATERPHENYL AND -QUINQUEPHENYL.
AD-449 913 7C U41 24 HC$ 1.00

FLUOROAROMATIC POLYMERS, PERFLUORO-P-TERPHENYL, QUATERPHENYL AND QUINQUEPHENYL.
AD-449 913 7D U41 24 HC$ 1.00

NOTES ON THE FUNDAMENTAL PROBLEMS INVOLVED IN DETERMINING TRUE NORTH BY GYROSCOPIC METHODS.
AD-459 274 17G U41 24 HC$ 1.00

THE EVEN ZONAL HARMONICS OF THE EARTH S GRAVITATIONAL POTENTIAL.
AD-466 587 8N U41 24 HC$ 1.00 MF$ 0.50

THE PERFORMANCE OF LOW THRUST (0.05 N) VENTURI NOZZLES.
AD-483 292 23D U41 24 HC$ 3.00 MF$ 0.50

FACTORS AFFECTING THE ENDURANCE OF RUBBED LUBRICANT FILMS OF LAMELLAR SOLIDS.
AD-641 387 11H T66 24 HC$ 1.00 MF$ 0.50

A STUDY OF COHESIVE FORCES, REFRACTIVE INDICES AND GLASS TRANSITION TEMPERATURE DATA OF POLYMERS.
AD-641 388 7D T66 24 HC$ 1.00 MF$ 0.50

THE LARGE SEMI-ANNUAL VARIATION IN EXOSPHERIC DENSITY A POSSIBLE EXPLANATION.
AD-641 718 4A T66 24 HC$ 1.00 MF$ 0.50

THE LONG PERIOD ERRORS OF DOPPLER AND INERTIAL NAVIGATION SYSTEMS.
AD-641 719 17G T66 24 HC$ 2.00 MF$ 0.50

ROYAL GREENWICH OBSERVATORY, HERSTMONCEUX (ENGLAND).
FUNDAMENTAL DATA FOR SOUTHERN STARS (SIXTH LISTS).
N66-33180 3B S04 19 HC$ 1.00 MF$ 0.50

PHOTOELECTRIC PHOTOMETRY OF RR LYRAE STARS.
N66-33137 3B S04 19 HC$ 1.00 MF$ 0.50

ROYAL SWEDISH ACADEMY OF SCIENCES, STOCKHOLM.
VIBRATIONS OF TRACTOR DRIVER.
N66-33138 5E S04 19 HC$ 4.00 MF$ 1.00

RUTGERS UNIV., NEW BRUNSWICK, N. J. STATISTICS CENTER.
CHAIN SAMPLING INSPECTION PLANS - CHSP-0,4 AND CHSP-1, 4 TECHNICAL REPORT NO. N-24.
N66-37927 12A S04 23 HC$ 1.00 MF$ 0.50

RUTGERS - THE STATE UNIV., NEW BRUNSWICK, N. J. DEPT. OF PHYSICS.
STUDIES OF FILMS IN THE SUPERCONDUCTIVE AND NORMAL PHASES.
AD-641 992 20C T66 24 HC$ 1.00 MF$ 0.50

SAINT LOUIS UNIV., MO. DEPT. OF PHYSICS.
ANALYSIS OF ARGUS/EXPLORER IV RECORDS.
AD-463 240 18C U41 24 HC$ 4.00

SANDIA CORP., ALBUQUERQUE, N. MEX. PLANETARY QUARANTINE DEPT.
SCOPE OF WORK FOR SCIENTIFIC AND TECHNICAL ASSISTANCE FOR THE PLANETARY QUARANTINE MISSION FIRST QUARTERLY REPORT, PERIOD ENDING JUN. 30, 1966.
N66-32760 22A S04 19 HC$ 1.00 MF$ 0.50

AN ASSEMBLY CONTAMINATION MODEL.
N66-32963 6T S04 19 HC$ 2.00 MF$ 0.50

SCHOOL OF AEROSPACE MEDICINE, BROOKS AFB, TEX.
VIRAL ANTIBODY PRODUCTION IN ANIMALS EXPOSED TO A SPACE CABIN ENVIRONMENT.
AD-641 566 6S T66 24 HC$ 1.00 MF$ 0.50

A PROCESS FOR THE CONTINUOUS FLOW, IN-LINE FRACTIONATION AND EXCHANGE OF VOLATILE SOLVENTS IN AUTOMATED CHEMISTRY.
AD-641 567 6A T66 24 HC$ 1.00 MF$ 0.50

METHIONINE-PYRIDOXINE AND AIRSICKNESS.
AD-641 568 6S T66 24 HC$ 1.00 MF$ 0.50

EFFECT OF DIFFERENT INERT GASES AND LOW PRESSURE NORMOXIC ENVIRONMENTS ON OXYGEN UPTAKE IN MICE.
AD-641 569 6S T66 24 HC$ 1.00 MF$ 0.50

SOME CARDIOVASCULAR RESPONSES IN ANESTHETIZED DOGS DURING REPEATED DECOMPRESSIONS TO A NEAR-VACUUM.
AD-641 570 6S T66 24 HC$ 1.00 MF$ 0.50

A SIMPLE PORTABLE SONOMICROMETER.
AD-641 571 6L T66 24 HC$ 1.00 MF$ 0.50

THE STUDY OF MAN DURING A 56-DAY EXPOSURE TO AN OXYGEN-HELIUM ATMOSPHERE AT 258 MM. HG TOTAL PRESSURE. IX. NUTRITIONAL EVALUATION OF FEEDING BITE-SIZE FOODS.
AD-641 804 6S T66 24

STUDY OF MAN DURING A 56-DAY EXPOSURE TO AN OXYGEN-HELIUM ATMOSPHERE AT 258 MM. HG TOTAL PRESSURE. V. EXERCISE PERFORMANCE AND CARDIOVASCULAR RESPONSE.
AD-641 805 6S T66 24

STUDY OF MAN DURING A 56-DAY EXPOSURE TO AN OXYGEN-HELIUM ATMOSPHERE AT 258 MM. HG TOTAL PRESSURE. IV. SELECTED BLOOD ENZYME RESPONSE.
AD-641 806 6S T66 24

THE STUDY OF MAN DURING A 56-DAY EXPOSURE TO AN OXYGEN-HELIUM ATMOSPHERE AT 258 MM. HG TOTAL PRESSURE. XIII. BEHAVIOR FACTORS.
AD-641 807 6S T66 24

STUDY OF MAN DURING A 56-DAY EXPOSURE TO AN OXYGEN-HELIUM ATMOSPHERE AT 258 MM. HG TOTAL PRESSURE. XI. ORAL, CUTANEOUS, AND AEROSOL BACTERIOLOGIC EVALUATION.
AD-641 816 6S T66 24

STUDY OF MAN DURING A 56-DAY EXPOSURE TO AN OXYGEN-HELIUM ATMOSPHERE AT 258 MM. HG TOTAL PRESSURE. X. ENTERIC MICROBIAL FLORA.
AD-641 817 6S T66 24

STUDY OF MAN DURING A 56-DAY EXPOSURE TO AN OXYGEN-HELIUM ATMOSPHERE AT 258 MM. HG TOTAL PRESSURE. III. RENAL RESPONSE.
AD-641 818 6S T66 24

STUDY OF MAN DURING A 56-DAY EXPOSURE TO AN OXYGEN-HELIUM ATMOSPHERE AT 258 MM. HG TOTAL PRESSURE. II. MAJOR AND MINOR ATMOSPHERIC COMPONENTS.
AD-641 819 6S T66 24

STUDY OF MAN DURING A 56-DAY EXPOSURE TO AN OXYGEN-HELIUM ATMOSPHERE AT 258 MM. HG TOTAL PRESSURE. I. INTRODUCTION AND GENERAL EXPERIMENTAL DESIGN.
AD-641 820 6S T66 24

MICROORGANISMS OF THE UPPER ATMOSPHERE. IV. MICROORGANISMS OF A LAND AIR MASS AS IT TRAVERSES AN OCEAN.
AD-641 821 6M T66 24

MICROORGANISMS OF THE UPPER ATMOSPHERE. II. MICROORGANISMS IN TWO TYPES OF AIR MASSES AT 690 METERS OVER A CITY.
AD-641 823 6M T66 24

MICROORGANISMS OF THE UPPER ATMOSPHERE. I. INSTRUMENTATION FOR ISOKINETIC AIR SAMPLING AT ALTITUDE.
AD-641 825 6M T66 24

EFFECTS OF HYDRAZINE ON FAT TRANSPORT AS AFFECTED BY BLOOD GLUCOSE CONCENTRATION.
AD-641 826 6A T66 24

OBSERVATIONS ON MAN IN AN OXYGEN-HELIUM ENVIRONMENT AT 380 MM. HG TOTAL PRESSURE. III. HEAT EXCHANGE.
AD-641 827 6S T66 24

OBSERVATIONS ON MAN IN AN OXYGEN-HELIUM ENVIRONMENT AT 380 MM. HG TOTAL PRESSURE. II. RESPIRATORY.
AD-641 828 6S T66 24

THE STUDY OF MAN DURING A 56-DAY EXPOSURE TO AN OXYGEN-HELIUM ATMOSPHERE AT 258 MM HG TOTAL PRESSURE. VII. RESPIRATORY FUNCTION.
AD-641 829 6S T66 24

THE STUDY OF MAN DURING A 56-DAY EXPOSURE TO AN OXYGEN-HELIUM ATMOSPHERE AT 258 MM. HG TOTAL PRESSURE VIII. OBSERVATIONS ON FEEDING BITE-SIZE FOODS.
AD-641 830 6S T66 24

THE STUDY OF MAN DURING A 56-DAY EXPOSURE TO AN OXYGEN-HELIUM ATMOSPHERE AT 258 MM. HG. TOTAL PRESSURE. XII. CLINICAL OBSERVATIONS.
AD-641 953 6S T66 24

SERENDIPITY ASSOCIATES, LOS ANGELES, CALIF.
A STUDY OF POTENTIAL ROLES OF SUPERSONIC TRANSPORT CREWS AND SOME IMPLICATIONS FOR THE FLIGHT DECK, VOLUME II - FEASIBLE AUTOMATED AND MANUAL IMPLEMENTATION CONCEPTS FOR SST ACTIVITIES AND FUNCTIONS, FINAL REPORT.
N66-38751 5H S04 23 HC$ 6.00 MF$ 3.00

SHEFFIELD UNIV., (ENGLAND). DEPT. OF MICROBIOLOGY.
METABOLISM OF C1 COMPOUNDS BY MICROORGANISMS.
AD-641 993 6M T66 24 HC$ 2.00 MF$ 0.50

SHIP STRUCTURE COMMITTEE, WASHINGTON, D. C.
BIENNIAL REPORT OF THE SHIP STRUCTURE COMMITTEE.
AD-641 333 13J T66 24 HC$ 2.00 MF$ 0.50

SILICON TRANSISTOR CORP., GARDEN CITY, N. Y.
PRODUCTION ENGINEERING MEASURE FOR 50-AMPERE SILICON POWER TRANSISTORS.
AD-641 411 9A T66 24 HC$ 2.00 MF$ 0.50

SIMULMATICS CORP., NEW YORK.
CRISIS LEVEL AND CIVIL DEFENSE ATTITUDES.
AD-641 989 5J T66 24 HC$ 3.00 MF$ 0.75

SKF INDUSTRIES, INC., KING OF PRUSSIA, PA. RESEARCH LAB.
SUPERSONIC TRANSPORT LUBRICATION SYSTEM INVESTIGATION THIRD SEMIANNUAL REPORT, 1 NOV. 1965 - 1 MAY 1966.
N66-32922 13I S04 19 HC$ 3.00 MF$ 1.00

SMITHSONIAN ASTROPHYSICAL OBSERVATORY, CAMBRIDGE, MASS.
RADAR DOPPLER SPECTROSCOPY OF MARS. I. ELEVATION DIFFERENCES BETWEEN BRIGHT AND DARK AREAS.
PB-173 443 3B U41 24 HC$ 3.00 MF$ 0.75

THE PRODUCTION OF COSMIC GAMMA RAYS IN INTERSTELLAR AND INTERGALACTIC COSMIC-RAY COLLISIONS. I. THE KINEMATICS OF P-P INTERACTIONS AND SECONDARY MESON AND HYPERON DECAY AND THE COSMIC GAMMA-RAY SPECTRAL SOURCE FUNCTION.
PB-173 444 3B U41 24 HC$ 3.00 MF$ 0.75

SOCIETA RICERCHE IMPIANTI NUCLEARI, SALUGGIA (ITALY). CENTRO RICERCHE NUCLEARI.
DIFFRACTOMETRIC RESEARCH IN THE FIELD OF DISORDERED STRUCTURES.
N66-38060 20B S04 23 HC$ 1.00 MF$ 0.50

RECENT STUDIES ON PYROLYTIC CARBON COATINGS ON FUEL PARTICLES.
N66-38087 18G S04 23 HC$ 2.00 MF$ 0.50

SOCIETE D ETUDES, DE RECHERCHES ET D APPLICATIONS POUR L INDUSTRIE, BRUSSELS (BELGIUM).
STUDIES OF STEEL CORROSION IN HIGH-TEMPERATURE WATER AND STEAM QUARTERLY REPORT NO. 14, 1 JAN. - 31 MAR. 1966.
N66-39644 11F S04 23 HC$ 4.00 MF$ 1.00

SOCIETY FOR INDUSTRIAL AND APPLIED MATHEMATICS, PHILADELPHIA, PA.
JOURNAL OF THE SOCIETY FOR INDUSTRIAL AND APPLIED MATHEMATICS, SERIES A CONTROL, VOL. 3, NO. 2.
AD-641 629 12A T66 24

SOLAR, SAN DIEGO, CALIF.
PROTECTIVE COATINGS FOR CHROMIUM ALLOYS FINAL SUMMARY REPORT, 31 MAY 1965 - 30 JUN. 1966.
N66-38147 11F S04 23 HC$ 4.00 MF$ 1.00

SOLID STATE RADIATIONS, INC., LOS ANGELES, CALIF.
FLUOR-PHOTODIODE GAMMA RAY DOSIMETER.
AD-641 913 18D T66 24 HC$ 4.00 MF$ 0.75

SONOTONE CORP., ELMSFORD, N. Y. BATTERY DIV.
PROCUREMENT AND DEVELOPMENT PROGRAM FOR NICKEL-CADMIUM CELLS TO SPECIFICATION S-615-P-2 TECHNICAL STATUS REPORT NO. 12, MAY 25 - AUG. 26, 1966.
N66-38706 10C S04 23 HC$ 1.00 MF$ 0.50

SOUTHERN CALIFORNIA LABS., STANFORD RESEARCH INST., SOUTH PASADENA.
AN ANALYSIS OF INTERCITY PASSENGER TRAFFIC MOVEMENT WITHIN THE CALIFORNIA CORRIDOR THROUGH 1980.
AD-641 611 15E T66 24 HC$ 5.00 MF$ 1.00

SOUTHERN METHODIST UNIV., DALLAS, TEX.
HEAT TRANSFER ACROSS SURFACES IN CONTACT - PRACTICAL EFFECTS OF TRANSIENT TEMPERATURE AND PRESSURE ENVIRONMENTS SEMIANNUAL REPORT, 1 OCT. 1965 - 1 APR. 1966.
N66-32762 20H S04 19 HC$ 2.00 MF$ 0.50

SOUTHWEST RESEARCH INST., SAN ANTONIO, TEX. DEPT. OF MECHANICAL SCIENCES.
FUEL SLOSHING STUDIES QUARTERLY PROGRESS REPORT NO. 15, 1 OCT. - 31 DEC. 1965.
N66-34071 20D S04 19 HC$ 1.00 MF$ 0.50

SPACE GENERAL CORP., EL MONTE, CALIF.
AERODYNAMIC AND FLIGHT PERFORMANCE ANALYSIS FOR THE NIRO SOUNDING ROCKET.
AD-641 675 22B T66 24 HC$ 5.00 MF$ 1.00

SPACE TECHNOLOGY LABS., REDONDO BEACH, CALIF.
A COMPREHENSIVE MAP OF THE SPACE RADIATION ENVIRONMENT.
AD-641 509 3B T66 24 HC$ 6.00 MF$ 1.50

SPACE-GENERAL CORP., LOS ANGELES, CALIF. CENTER FOR RESEARCH AND EDUCATION.
ANALYSIS OF BORANES AND CARBORANES BY MASS SPECTROMETRY.
AD-641 578 7B T66 24 HC$ 2.00 MF$ 0.50

STANDARD PRESSED STEEL CO., JENKINTOWN, PA.
EVALUATION OF FASTENERS AND FASTENER MATERIALS FOR SPACE VEHICLES FINAL REPORT, NOV. 1963 - NOV. 1965.
N66-39104 13E S04 23 HC$ 7.85 MF$ 2.50

STANFORD ELECTRONICS LABS., STANFORD UNIV., CALIF.
STATISTICAL ANALYSIS OF ADAPTIVE LINEAR CLASSIFIERS.
AD-443 844 6D U41 24 HC$ 10.60

CONVERGENT AUTOMATIC-SYNTHESIS PROCEDURES FOR SAMPLED-DATA NETWORKS WITH FEEDBACK.
AD-455 745 9B U41 24 HC$ 3.00

STANFORD RESEARCH INST., MENLO PARK, CALIF.
SOME ADDITIONAL THEOREMS FOR A NON-STATIONARY STOCHASTIC PROCESS WITH A CONTINUOUS, NON-RANDOM, TIME-DEPENDENT COMPONENT.
AD-485 339 12A U41 24 HC$ 4.60

GRAPHICAL-DATA-PROCESSING RESEARCH STUDY AND EXPERIMENTAL INVESTIGATION.
AD-641 647 9B T66 24 HC$ 3.00 MF$ 0.50

SYNTHESIS OF AUTOMATA BY DECOMPOSITION TECHNIQUES.
AD-641 672 9B T66 24 HC$ 1.00 MF$ 0.50

CLASSICAL AND QUANTAL SCATTERING. I - THE CLASSICAL ACTION.
N66-33175 20H S04 19 HC$ 1.00 MF$ 0.50

TIROS RADIATION MEASUREMENTS AND VARIATIONS IN ATMOSPHERIC HEATING.
N66-38428 4B S04 23 HC$ 2.00 MF$ 0.50

FEASIBILITY BREADBOARD OF AN ALL-MAGNETIC PCM TELEMETRY SYSTEM.
N66-38423 9F S04 23 HC$ 2.00 MF$ 0.50

STANFORD UNIV., CALIF.
AN EXPERIMENTAL STUDY OF THE BUCKLING OF COMPLETE SPHERICAL SHELLS.
N66-33460 20K S04 19 HC$ 3.00 MF$ 0.75

STANFORD UNIV., CALIF. DEPT. OF AERONAUTICS AND ASTRONAUTICS.
DYNAMIC STABILITY OF A UNIFORM FREE-FREE BEAM UNDER A GIMBALED THRUST OF PERIODICALLY VARYING MAGNITUDE.
N66-32786 20M S04 19 HC$ 2.50 MF$ 0.75

STANFORD UNIV., CALIF. DEPT. OF BIOLOGICAL SCIENCES.
FUNCTIONAL ROLE OF MUSCLE RECEPTOR ORGANS IN CRAYFISH.
AD-641 487 6C T66 24

REFLEX CONTROL OF ABDOMINAL FLEXOR MUSCLES IN THE CRAYFISH. II. THE TONIC SYSTEM.
AD-641 488 6C T66 24

STANFORD UNIV., CALIF. DEPT. OF CIVIL ENGINEERING.
A NONLINEAR THEORY FOR FULLY CAVITATING FLOWS PAST AN INCLINED FLAT PLATE.
AD-641 708 13J T66 24 HC$ 4.00 MF$ 0.75

STANFORD UNIV., CALIF. DEPT. OF STATISTICS.
UNLIMITED SIMULTANEOUS DISCRIMINATION INTERVALS IN REGRESSION TECHNICAL REPORT NO. 90.
N66-33401 12A S04 19 HC$ 2.00 MF$ 0.50

STANFORD UNIV., CALIF. INSTRUMENTATION RESEARCH LAB.
A THEORY FOR MOLECULAR TRANSPORT PHENOMENA THROUGH THIN MEMBRANES.
N66-37025 6A S04 23 HC$ 5.00 MF$ 0.75

STANFORD UNIV., CALIF. STANFORD ELECTRONICS LABS.
BAND STRUCTURE AND ELECTRON-ELECTRON INTERACTIONS IN COPPER AND SILVER-PHOTOEMISSION STUDIES.
AD-642 497 20H U41 24 HC$ 9.60

QUARTERLY RESEARCH REVIEW NO. 9, 1 APRIL THROUGH 30 JUNE 1964.
AD-452 983 20L U41 24 HC$ 25.10

LOSSLESS TIME-VARYING IMPEDANCE SYNTHESIS.
AD-641 468 9E T66 24

DEGENERATE NETWORKS.
AD-641 469 9E T66 24

AN INTEGRATABLE TIME-VARIABLE GYRATOR.
AD-641 471 9E T66 24

PROPOSED ADJUSTABLE TUNED CIRCUITS FOR MICROELECTRONIC STRUCTURES.
AD-641 473 9E T66 24

SYNTHESIS OF LUMPED-DISTRIBUTED RC N-PORTS.
PB-173 482 9E U41 24 HC$ 1.00 MF$ 0.50

STANFORD UNIV., CALIF. INST. FOR MATHEMATICAL STUDIES IN THE SOCIAL SCIENCES.
LEARNING AND SHORT-TERM RETENTION OF PAIRED ASSOCIATES IN RELATION TO SPECIFIC SEQUENCES OF INTERPRESENTATION INTERVALS.
AD-641 399 5J T66 24 HC$ 3.00 MF$ 0.75

STATE UNIV. OF IOWA, IOWA CITY. DEPT. OF MECHANICS AND HYDRAULICS.
AN EXTENSION OF PLANE STRAIN ANALYSIS.
N66-38422 20N S04 23 HC$ 1.00 MF$ 0.50

STATE UNIV. OF IOWA, IOWA CITY. DEPT. OF PHYSICS AND ASTRONOMY.
SCATTERING OF ENERGETIC PARTICLES BY LABORATORY PLASMAS.
N66-34076 20I S04 19 HC$ 2.00 MF$ 0.50

STATE UNIV. OF NEW YORK, STONY BROOK. COLL. OF ENGINEERING.
ENZYME AMPLIFIER KINETICS.
AD-641 871 6P T66 24

STATE UNIV. OF NEW YORK, STONY BROOK. DEPT. OF ELECTRICAL SCIENCES.
GENERAL THEORY OF OPTIMAL PROCESSES.
AD-641 628 12B T66 24

STATE UNIV. OF NEW YORK, STONY BROOK. DEPT. OF MATERIALS SCIENCES.
MECHANISMS OF ATTACK ON GLASSES IN AQUEOUS MEDIA.
AD-641 508 11B T66 24 HC$ 3.00 MF$ 0.75

STAUFFER CHEMICAL CO., ADRIAN, MICH. SILICONE DIV.
RESEARCH ON SYNTHESIS AND CHARACTERIZATION OF HIGHLY ARYLATED ORGANOSILICON COMPOUNDS.
AD-641 414 7C T66 24 HC$ 3.00 MF$ 0.75

STEVENS INST. OF TECH., HOBOKEN, N. J. DEPT. OF ELECTRICAL ENGINEERING.
IDENTIFICATION OF LINEAR SYSTEM DYNAMICS USING EXPONENTIAL SPECTRAL COEFFICIENTS.
AD-641 792 12B T66 24

SYLVANIA ELECTRONIC SYSTEMS-EAST, WALTHAM, MASS. APPLIED RESEARCH LAB.
RADIATION CONDITION FOR A MAGNETOPLASMA MEDIUM-I.
AD-641 661 20I T66 24 HC$ 3.00 MF$ 0.50

SYRACUSE UNIV. RESEARCH INST., N. Y. DEPT. OF CHEMICAL ENGINEERING AND METALLURGY.
ADHESION BETWEEN ATOMICALLY PURE METALLIC SURFACES. PART IV SEMIANNUAL REPORT.

N66-32805 11F S04 19 HC$ 2.00 MF$ 0.50

SYRACUSE UNIV., N. Y.
PHOTOEXCITED ELECTRON CAPTURE BY IONIZED AND NEUTRAL SHALLOW IMPURITIES IN SILICON AT LIQUID-HELIUM TEMPERATURES.
AD-641 547 20L T66 24

PHYSICS AND GEOMETRY.
AD-641 638 20J T66 24

SYRACUSE UNIV., N. Y. DEPT. OF PHYSICS.
APPROACHES TO PIEZOELECTRICITY AND ELASTICITY IN MIXED IONIC COVALENT COMPOUNDS.
AD-641 538 20L T66 24

LATTICE VIBRATIONS OF WURTZITE STRUCTURE CRYSTALS.
AD-641 539 20B T66 24

SYSTEM DEVELOPMENT CORP., SANTA MONICA, CALIF.
CONVERT OLD OR NEW FORMAT PATCH TAPE TO SPLICE TAPE FORMAT (MATCH).
AD-422-112 9B U41 24 HC$ 1.10

MACHINE PROCESSING IN A SPECIAL LIBRARY. VOL I. A SURVEY OF CASE STUDIES.
AD-446 618 5B U41 24 HC$ 2.00

INTERACTIVE DISPLAYS FOR DOCUMENT RETRIEVAL.
PB-173 477 5B U41 24 HC$ 2.00 MF$ 0.50

SYSTEMS DEVELOPMENT CORP., SANTA MONICA, CALIF.
AUTOMATING A HOSPITAL INFORMATION SYSTEM.
PB-173 474 6E U41 24 HC$ 1.60 MF$ 0.50

SYSTEMS TECHNOLOGY, INC., HAWTHORNE, CALIF.
PILOT DESCRIBING FUNCTION MEASUREMENTS IN A MULTILOOP TASK.
N66-33461 5M S04 19 HC$ 2.00 MF$ 0.50

TECHNION - ISRAEL INST. OF TECH., HAIFA. DEPT. OF AERONAUTICAL ENGINEERING.
EXPERIMENTAL AND THEORETICAL STUDIES ON BUCKLING OF CONICAL AND CYLINDRICAL SHELLS UNDER COMBINED LOADING.
AD-641 971 20K T66 24 HC$ 5.00 MF$ 1.00

TECHNION - ISRAEL INST. OF TECH., HAIFA. MATERIAL MECHANICS LAB.
DISCONTINUOUS YIELDING OF COMMERCIALLY PURE ALUMINUM.
AD-641 998 11F T66 24 HC$ 2.00 MF$ 0.50

THE INFLUENCE OF STRAIN RATE AND STRAIN AGEING ON THE FLOW STRESS OF COMMERCIALLY PURE ALUMINUM.
AD-641 999 11F T66 24 HC$ 2.00 MF$ 0.50

TECHNISCHE HOCHSCHULE, KARLSRUHE (WEST GERMANY). GEOPHYSIKALISCHES INSTITUT.
INVESTIGATIONS ON THE NONELASTIC BEHAVIOR OF THE UPPER MANTEL.
AD-641 312 8K T66 24 HC$ 3.00 MF$ 0.75

TECHNOLOGY, INC., DAYTON, OHIO.
A STRUCTURAL FLIGHT LOADS RECORDING PROGRAM ON CIVIL TRANSPORT HELICOPTERS.
AD-641 677 1C T66 24 HC$ 4.00 MF$ 0.75

TENNESSEE UNIV., KNOXVILLE. DEPT. OF ELECTRICAL ENGINEERING.
MINIMUM ENERGY TIME-OPTIMAL CONTROL FOR SATURATING SAMPLED-DATA SYSTEMS.
N66-32784 9C S04 19 HC$ 1.00 MF$ 0.50

TENNESSEE UNIV., KNOXVILLE. DEPT. OF MECHANICAL AND AEROSPACE ENGINEERING.
ANALYSIS OF THE VISCO SEAL. PART II - THE CONCENTRIC TURBULENT CASE.
N66-32803 13K S04 19 HC$ 2.50 MF$ 0.75

TENNESSEE UNIV., KNOXVILLE. ULTRASONICS LAB.
AN INVESTIGATION OF SUBHARMONIC GENERATION IN AN ULTRASONIC RESONANT CAVITY.
AD-641 604 20A T66 24 HC$ 4.00 MF$ 0.75

TEXACO EXPERIMENT, INC., RICHMOND, VA.
LUNAR GEOPHYSICAL SURFACE AND SUBSURFACE PROBES FOR APOLLO APPLICATIONS PROGRAM - VOLUME I - DETAILED TECHNICAL REPORT FINAL REPORT.
N66-32960 22A S04 19 HC$ 4.66 MF$ 2.50

LUNAR SURFACE AND SUBSURFACE PROBES FOR APOLLO APPLICATIONS PROGRAM. VOLUME II - SUMMARY TECHNICAL REPORT FINAL REPORT.
N66-32961 22A S04 19 HC$ 3.00 MF$ 0.75

AN EXPERIMENTAL STUDY OF FLUIDIZATION PROCESSES UNDER LUNAR CONDITIONS.
N66-38803 3B S04 23 HC$ 2.50 MF$ 0.75

TEXAS A, AND M. UNIV., COLLEGE STATION. DEPT. OF OCEANOGRAPHY.
OCEANOGRAPHY OF THE GULF OF MEXICO.
AD-641 364 8J T66 24 HC$ 3.00 MF$ 0.75

TEXAS CHRISTIAN UNIV., FORT WORTH. DEPT. OF PHYSICS.
NUCLEAR MAGNETIC RESONANCE STUDIES OF PURE AND SAMARIUM-DOPED CaF2 CRYSTALS.
AD-641 791 7D T66 24

TEXAS HIGHWAY DEPT.
COMPARISON OF AASHO AND TEXAS TEST METHODS AND SPECIFICATIONS FOR FLEXIBLE BASE MATERIALS.
PB-173 368 11G U41 24 HC$ 0.60 MF$ 0.75

TEXAS INSTRUMENTS INC., DALLAS, TEX.
GROUND-TRUTH RESEARCH FOR AN AIRBORNE MULTISENSOR SURVEY PROGRAM.
AD-641 894 8B T66 24 HC$ 3.00 MF$ 0.75

TEXAS INSTRUMENTS INC., DALLAS. SEMICONDUCTOR-COMPONENTS DIV.
THIN FILMS FORMED BY ELECTROCHEMICAL REACTIONS.
AD-641 613 9A T66 24 HC$ 3.00 MF$ 0.50

TEXAS INSTRUMENTS, INC., DALLAS. SEMICONDUCTOR-COMPONENTS DIV.
DESIGN, DEVELOPMENT AND DELIVERY OF ONE (1) BREADBOARD AND THREE (3) PRODUCTION UNITS OF A 75 VA INTEGRATED STATIC INVERTER MONTHLY PROGRESS REPORT NO. 11, MAR. 1966.
N66-32756 9A S04 19 HC$ 1.00 MF$ 0.50

TEXAS TRANSPORTATION INST., TEXAS A AND M UNIV., COLLEGE STATION.
CHANNELIZATION.
PB-173 417 13B U41 24 HC$ 3.00 MF$ 0.75

TEXAS UNIV., AUSTIN.
NOTE ON THE BONDI-METZNER-SACHS GROUP.
AD-641 680 20J T66 24

ROTATING FLUID MASSES IN GENERAL RELATIVITY.
AD-641 681 20D T66 24

10 EXACT GRAVITATIONALLY-CONSERVED QUANTITIES.
AD-641 682 20J T66 24

AN ELEMENTARY PROOF OF JACKSON S THEOREM ON MEAN-APPROXIMATION.
AD-641 741 12A T66 24

RADIO ASTRONOMY SIGNAL SPECTRUM ANALYSER.
N66-33396 9F S04 19 HC$ 2.00 MF$ 0.50

TEXAS UNIV., AUSTIN. DEPT. OF PHYSICS.
A VARIATIONAL PRINCIPLE FOR A ROTATING RELATIVISTIC FLUID.
AD-641 730 20D T66 24

TEXAS UNIV., AUSTIN. ELECTRONIC MATERIALS RESEARCH LAB.
MICROELECTRONICS RESEARCH ON SILICON-SILICON OXIDE STRUCTURES AND INTERFACES QUARTERLY REPORT NO. 2, 1 SEP. - 30 NOV. 1964.
N66-33178 9A S04 19 HC$ 4.00 MF$ 0.75

TEXAS UNIV., GALVESTON. DEPT. OF PHARMACOLOGY.
THE EFFECTS OF GANGLIONIC BLOCKADE UPON THE PRESSOR RESPONSE ELICITED BY ELEVATION OF THE CEREBRAL SPINAL FLUID PRESSURE.
AD-641 527 6B T66 24

THERMO ELECTRON ENGINEERING CORP., WALTHAM, MASS.
OPTIMUM ELECTRODE CAVITIES FOR THERMIONIC ENERGY CONVERTERS.
AD-641 432 10B T66 24 HC$ 3.00 MF$ 0.75

THIOKOL CHEMICAL CORP., ELKTON, MD.
DESIGN STUDY OF HEAT STERILIZABLE SOLID ROCKET MOTORS FOR SPACE APPLICATION, VOLUME I FINAL REPORT, OCT. 19, 1965 - JAN. 9, 1966.
N66-33941 21H S04 19 HC$ 3.75 MF$ 1.50

DEVELOPMENT OF A HYDROCARBON-TYPE OF POLYMER WHICH POSSESSES THE CHARACTERISTICS REQUIRED FOR USE AS A BINDER FOR UNCOATED SPO FIRST QUARTERLY REPORT, MAY 10 - AUG. 10, 1966.
N66-37945 7C S04 23 HC$ 2.00 MF$ 0.50

THIOKOL CHEMICAL CORP., HUNTSVILLE, ALA.
EVALUATION OF THE LYON, INC. FORTY INCH DIAMETER ROCKET MOTOR CASE FABRICATED BY THE HOT CUP-COLD DRAW PROCESS.
AD-455 918 19B U41 24 HC$ 5.00

TODD SHIPYARDS CORP., SAN PEDRO, CALIF.
DEVELOPMENT AND TESTING OF PROGRAMMING SYSTEM FOR NUMERICALLY CONTROLLED FLAME CUTTING OF SHIP PARTS. VOLUME 5. SUMMARY REPORT.
AD-406 277 13J U41 24 HC$ 0.60

TORONTO UNIV. (ONTARIO). INST. FOR AEROSPACE STUDIES.
TURBULENCE-INDUCED PANEL VIBRATION.
AD-448 045 20K U41 24 HC$ 3.00

TRAVELERS RESEARCH CENTER, INC., HARTFORD, CONN.
RELATIONSHIPS BETWEEN TROPICAL PRECIPITATION AND KINEMATIC CLOUD MODELS FINAL TECHNICAL REPORT, 15 AUG. 1965 - 14 FEB. 1966.
N66-38328 4A S04 23 HC$ 2.00 MF$ 0.50

A STATISTICAL APPROACH TO THE 12-48-HR PREDICTION OF PRECIPITATION PROBABILITY.
PB-173 423 4B U41 24 HC$ 4.00 MF$ 0.75

TRI-STATE TRANSPORTATION COMMISSION, NEW YORK.
STATION FARE COLLECTION KEW GARDENS-FOREST HILLS QUEENS COUNTY, NEW YORK.
PB-173 473 13F U41 24 HC$ 2.00 MF$ 0.50

TRW EQUIPMENT LABS., CLEVELAND, OHIO. NEW PRODUCTS DEPT.
CARBON DIOXIDE CONCENTRATION SYSTEM FINAL REPORT.
N66-38499 6K S04 23 HC$ 3.25 MF$ 1.25

TRW SYSTEMS, REDONDO BEACH, CALIF.
PLASMA ROTATION IN A PULSED INDUCTIVE ACCELERATOR.
AD-641 914 20I T66 24

MANNED EXPLORATION, COLONIZATION AND EXPLOITATION OF THE LUNAR SURFACE A SELECTIVE BIBLIOGRAPHY.
AD-641 973 22A T66 24 HC$ 1.00 MF$ 0.50

CHEMICAL SPECIES AND CHEMICAL REACTIONS OF IMPORTANCE IN

NONEQUILIBRIUM PERFORMANCE CALCULATIONS.
N66-33714 21B S04 19 HC$ 2.00 MF$ 0.50

HUMAN TRACKING PERFORMANCE IN UNCOUPLED AND COUPLED TWO-AXIS SYSTEMS.
N66-33981 9H S04 19 HC$ 5.00 MF$ 0.75

TRW SYSTEMS, REDONDO BEACH, CALIF. PHYSICAL ELECTRONICS LAB.
RESEARCH ON ION BEAM DIAGNOSTICS FINAL REPORT.
N66-38759 10A S04 23 HC$ 3.00 MF$ 0.75

TRW SYSTEMS, REDONDO BEACH, CALIF. SPACE SCIENCES LAB.
SURVEY OF VLF ELECTRIC FIELDS IN THE MAGNETOSPHERE WITH THE POLAR ORBITING SPACECRAFT, 1964-45A.
N66-32722 4A S04 19 HC$ 2.50 MF$ 0.75

TRW SYSTEMS, REDONDO BEACH, CALIF. SPACE SYSTEMS LAB.
WAVE-PARTICLE INTERACTIONS IN THE SOLAR WIND.
N66-33389 20N S04 19 HC$ 2.00 MF$ 0.50

TRW, INC., CLEVELAND, OHIO. MATERIALS AND PROCESSES DEPT.
DEVELOPMENT OF HIGH TEMPERATURE NICKEL-BASE ALLOYS FOR JET ENGINE TURBINE BUCKET APPLICATIONS SECOND INTERIM ENGINEERING REPORT, 1 OCT. 1965 - 31 MAY 1966.
N66-33504 11F S04 19 HC$ 3.00 MF$ 1.00

TRW, INC., CLEVELAND, OHIO. TRW ACCESSORIES DIV.
ENDURANCE TEST OF AN-1 ROLLER GEAR DRIVE.
AD-471 437 13I U41 24 HC$ 4.60 MF$ 0.50

TUFTS UNIV., MEDFORD, MASS. DEPT. OF CHEMISTRY.
TEMPERATURE DEPENDENCE OF CHLORINE NQR FREQUENCIES AND PI BONDING.
AD-641 544 7D T66 24

TYCO LABS., INC., WALTHAM, MASS.
THE USE OF LARGE ANODIC GALVANOSTATIC TRANSIENTS TO EVALUATE THE MAXIMUM ADSORPTION ON PT FROM HCOOH SOLUTIONS.
AD-445 787 7D U41 24 HC$ 3.60

UNIFIED SCIENCE ASSOCIATES, INC., PASADENA, CALIF.
THE TWO TRANSFORMER METHOD FOR ELECTRODELESS CONDUCTIVITY MEASUREMENTS.
AD-461 769 28I U41 24 HC$ 9.60

UNION CARBIDE CORP., TONAWANDA, N. Y. LINDE DIV.
INVESTIGATION OF A LIGHTWEIGHT SELF-EVACUATING PREFABRICATED MULTI-LAYER INSULATION SYSTEM FOR CRYOGENIC SPACE PROPULSION STAGES FINAL REPORT, 3 JUN. 1965 - 31 JUL. 1966.
N66-38500 13H S04 23 HC$ 3.75 MF$ 1.75

UNITED AIRCRAFT CORP., EAST HARTFORD, CONN. RESEARCH LABS.
INVESTIGATION OF COLLISION PROBABILITY OF ELECTRONS AND IONS WITH ALKALI METAL ATOMS FINAL REPORT, 22 APR. 1964 - 21 JUL. 1966.
N66-38497 20I S04 23 HC$ 3.00 MF$ 0.75

UNITED KINGDOM ATOMIC ENERGY AUTHORITY, RISLEY (ENGLAND). REACTOR GROUP.
THE STRAIN RATE SENSITIVITY OF THE YIELD STRESS OF STEELS.
N66-33035 11F S04 19 HC$ 1.00 MF$ 0.50

UNITED KINGDOM ATOMIC ENERGY AUTHORITY, RISLEY (ENGLAND). THE REACTOR GROUP.
THE EFFECT OF DEFECTS ON THE BASAL PLANE THERMAL CONDUCTIVITY OF A GRAPHITE CRYSTAL, PART I - THEORY.
N66-33118 18K S04 19 HC$ 1.00 MF$ 0.50

UNITED KINGDOM ATOMIC ENERGY AUTHORITY, RISLEY (ENGLAND). REACTOR ENGINEERING LAB.
FRICTION AND WEAR BEHAVIOR OF SLIDING BEARING MATERIALS IN SODIUM ENVIRONMENTS AT TEMPERATURES UP TO 600 DEG C.
N66-37936 20K S04 23 HC$ 2.00 MF$ 0.50

UNIVERSITY OF SOUTH FLORIDA, TAMPA.
A STUDY OF ORGANOMETALLIC-CHELATE COMPOUNDS.
AD-641 605 7B T66 24 HC$ 1.00 MF$ 0.50

UNIVERSITY OF SOUTHERN CALIFORNIA, LOS ANGELES. DEPT. OF ELECTRICAL ENGINEERING.
INTERACTION OF MICROWAVES WITH AN INHOMOGENEOUS AND ANISOTROPIC PLASMA COLUMN,
AD-641 726 20I T66 24

EXACT SOLUTION TO A LENS PROBLEM,
AD-641 729 20F T66 24

REFLECTION AND TRANSMISSION OF ELECTROMAGNETIC WAVES BY A MOVING DIELECTRIC MEDIUM,
AD-641 733 20N T66 24

UNIVERSITY OF SOUTHERN CALIFORNIA, LOS ANGELES. DEPT. OF ELECTRICAL ENGINEERING.
TRANSVERSE MAGNETIC WAVE PROPAGATION IN SINUSOIDALLY STRATIFIED DIELECTRIC MEDIA.
AD-641 734 20N T66 24

UPPSALA UNIV. (SWEDEN). SEISMOLOGICAL INST.
SEISMIC WAVE PROPAGATION IN LAYERED MEDIA. PART I SCIENTIFIC REPORT.
N66-33522 8K S04 19 HC$ 1.00 MF$ 0.50

MULTICHANNEL Z-TRANSFORMS AND MINIMUM-DELAY SCIENTIFIC REPORT NO. 35.
N66-38296 8G S04 23 HC$ 3.00 MF$ 0.50

VANDERBILT UNIV., NASHVILLE, TENN. DEPT. OF PHYSICS.
MEASUREMENTS OF A PRECURSOR ELECTRON FRONT.
AD-641 714 14B T66 24

FLOW MODES IN ELECTRIC SHOCK TUBES.
AD-641 715 20D T66 24

VICKERS, INC., TROY, MICH. RESEARCH AND DEVELOPMENT DEPT.
DEVELOPMENT OF A PROPORTIONAL TWO STAGE PRESSURE FEED BACK PNEUMATIC VALVE FOR 2000 DEG F SOLID PROPELLANT SYSTEMS REPORT, JUL. 6, 1965 - MAY 20, 1966.
N66-33494 13K S04 19 HC$ 3.00 MF$ 1.00

VICKERS, INC., TROY, MICH. RESEARCH AND DEVELOPMENT DIV.
ANALYTICAL AND EXPERIMENTAL STUDY OF ALTITUDE COMPENSATION OF A ROCKET BY SECONDARY INJECTION.
N66-33496 21M S04 19 HC$ 2.50 MF$ 0.75

VIRGINIA COUNCIL OF HIGHWAY INVESTIGATION AND RESEARCH, CHARLOTTESVILLE.
THE IMPLICATIONS OF SEVERAL TYPES OF STATISTICAL SPECIFICATIONS,
PB-173 410 13B U41 24 HC$ 2.00 MF$ 0.50

VIRGINIA HIGHWAY RESEARCH COUNCIL, CHARLOTTESVILLE.
REACTIONS IN PORTLAND CEMENT-CLAY MIXTURES. PHASE 2. REACTIONS AND STRENGTH DEVELOPMENT IN PORTLAND CEMENT-CLAY MIXTURES,
PB-173 491 13C U41 24 HC$ 2.00 MF$ 0.50

CORRELATION AND CONFERENCE OF PORTABLE NUCLEAR DENSITY AND MOISTURE SYSTEMS,
PB-173 496 8H U41 24 HC$ 3.00 MF$ 0.75

VIRGINIA UNIV., CHARLOTTESVILLE. RESEARCH LABS. FOR THE ENGINEERING SCIENCES.
BIBLIOGRAPHY ON EARTH MOVEMENT,
AD-641 716 8H T66 24 HC$ 6.00 MF$ 1.25

WALTER REED ARMY INST. OF RESEARCH, WASHINGTON, D. C.
THE ORIGIN, COURSE AND TERMINATION OF CORTICOSPINAL FIBERS IN THE SLOW LORIS, NYCTICEBUS COUCANG (BODDAERT),
AD-641 924 6C T66 24

WASHINGTON STATE UNIV., PULLMAN. DEPT. OF PSYCHOLOGY.
SHORT-TERM RETENTION AS A RATIO OF AVERAGE STORAGE LOAD TO AVERAGE LOAD REDUCTION,
AD-641 382 5J T66 24

WASHINGTON UNIV., SEATTLE.
RELAXATION NARROWING OF MOSSBAUER GAMMA RAYS,
AD-641 764 20H T66 24

F MEASUREMENTS WITH BLACK ABSORBERS,
AD-641 765 18H T66 24

WASHINGTON UNIV., SEATTLE. DEPT. OF OCEANOGRAPHY.
COMPUTATION OF PHYTOPLANKTON CELL NUMBERS, CELL VOLUME, CELL SURFACE AND PLASMA VOLUME PER LITER, FROM MICROSCOPICAL COUNTS,
AD-641 769 8A T66 24

WASHINGTON UNIV., SEATTLE. DEPT. OF PHYSICS.
INTERNAL FIELD OF FE57 IN NICKEL FROM 77K TO THE CURIE POINT,
AD-641 763 20L T66 24

WASHINGTON UNIV., SEATTLE. DEPT. OF PREVENTIVE MEDICINE.
STUDIES OF INFECTIOUS DISEASES OF TAIWAN,
AD-641 987 6E T66 24 HC$ 1.00 MF$ 0.50

WASHINGTON UNIV., ST. LOUIS, MO. COSMIC RAY GROUP.
AN APPARENTLY HIGH FLUX OF PRIMARY COSMIC-RAY GAMMA-PARTICLES AT 41 DEG N. MAG..
N66-32964 20H S04 19 HC$ 1.00 MF$ 0.50

WASHINGTON UNIV., ST. LOUIS, MO. DEPT. OF ECONOMICS.
DEMAND FOR ENGINEERS AND SCIENTISTS.
N66-38721 5I S04 23 HC$ 3.00 MF$ 0.75

WASHINGTON UNIV., ST. LOUIS, MO. DEPT. OF PSYCHOLOGY.
SHIFTING AGREEMENT AND DISAGREEMENT IN DYADS UNDER CONDITIONS OF PERCEIVED DIFFERENCES IN TASK COMPETENCE.
AD-641 679 5J T66 24 HC$ 1.00 MF$ 0.50

WAYNE STATE UNIV., DETROIT, MICH.
ULTRASONIC KJELDAAS-EDGE EXPERIMENT IN POTASSIUM.
AD-641 861 20L T66 24

WEAPONS RESEARCH ESTABLISHMENT, SALISBURY (AUSTRALIA).
IONOSPHERIC DATA FOR FEBRUARY 1966 FROM SALISBURY, SOUTH AUSTRALIA IONOSPHERIC DATA BULLETIN.
N66-37731 4A S04 23 HC$ 2.00 MF$ 0.50

IONOSPHERIC DATA FOR DECEMBER 1965 FROM WOOMERA, SOUTH AUSTRALIA.
N66-37784 4A S04 23 HC$ 2.00 MF$ 0.50

AN IBM 7090 SIX DEGREES OF FREEDOM RIGID BODY TRAJECTORY PROGRAM.
PB-173 471 19D U41 24 HC$ 4.60 MF$ 0.50

WEATHER BUREAU, WASHINGTON, D. C.
METEOROLOGICAL CONSIDERATIONS IN THE HANDLING OF A MIXTURE OF LIQUID FLUORINE AND LIQUID OXYGEN.
N66-33760 4B S04 19 HC$ 2.00 MF$ 0.50

WEATHER BUREAU, WASHINGTON, D. C. EQUIPMENT DEVELOPMENT LAB.
INFRARED CLOUD COVER DETECTOR.
PB-173 427 4B U41 24 HC$ 3.00 MF$ 0.75

WEATHER BUREAU, WASHINGTON, D. C. WEATHER ANALYSIS AND PREDICTION DIV.
PERFORMANCE OF THE 6-LAYER BAROCLINIC (PRIMITIVE EQUATION)

MODEL,
PB-173 426 4B U41 24 HC$ 1.00 MF$ 0.50

WEATHER SQUADRON (29TH), DULUTH, MINN. DETACHMENT 9.
THETA PRIME CHART,
AD-641 988 4B T66 24 HC$ 1.00 MF$ 0.50

WEIDLINGER (PAUL), NEW YORK,
CLOSE-IN EFFECTS OF NUCLEAR EXPLOSIONS. PART II. ANALYSIS OF GROUND SHOCK FROM NUCLEAR SURFACE BURSTS ON ROCK,
AD-641 311 8H T66 24 HC$ 4.00 MF$ 0.75

WEIZMANN INST. OF SCIENCE, REHOVOTH (ISRAEL). BIOCHEMISTRY SECTION.
MECHANISM OF PHOTOPHOSPHORYLATION FINAL REPORT,
N66-39368 6A S04 23 HC$ 1.00 MF$ 0.50

WESLEYAN UNIV., MIDDLETOWN, CONN,
SOME DUAL TRIGONOMETRIC EQUATIONS WITH AN APPLICATION TO ELASTICITY,
AD-641 557 20K T66 24

WEST VIRGINIA UNIV., MORGANTOWN.
THE EFFECT OF CHANGING GRAVITY AND WEIGHTLESSNESS ON VASOPRESSIN CONTROL SYSTEMS PROGRESS REPORT, FEB. 15 - SEP. 20, 1966.
N66-38718 6S S04 23 HC$ 1.00 MF$ 0.50

WEST VIRGINIA UNIV., MORGANTOWN. DEPT. OF AEROSPACE ENGINEERING.
THE RELATION BETWEEN ABSOLUTE ITERATION AND NEWTON S METHOD,
AD-641 491 12A T66 24

WESTERN RESERVE UNIV., CLEVELAND, OHIO.
RESISTANCE IN THE INTERMEDIATE STATE OF TYPE I SUPERCONDUCTORS,
AD-641 759 20C T66 24

EFFECT OF ALLOYING ON THE PHONON SPECTRUM OF LEAD-INDIUM ALLOYS,
AD-641 760 20B T66 24

NONLINEAR FLUX FLOW IN TYPE-II SUPERCONDUCTORS,
AD-641 761 20C T66 24

WESTINGHOUSE ELECTRIC CORP., BALTIMORE, MD. ELECTRONICS DIV.
A SURVEY OF ADAPTIVE COMPONENTS FOR USE IN FAILURE-FREE SYSTEMS SPECIAL TECHNICAL REPORT NO. 1.
N66-32716 9A S04 19 HC$ 1.00 MF$ 0.50

WESTINGHOUSE ELECTRIC CORP., BALTIMORE, MD. SURFACE DIV.
RESEARCH ON FAILURE FREE SYSTEMS QUARTERLY REPORT NO. 8, MAR. 23 - JUN. 23, 1966,
N66-33435 9A S04 19 HC$ 1.00 MF$ 0.50

WESTINGHOUSE ELECTRIC CORP., LIMA, OHIO. AEROSPACE ELECTRICAL DIV.
DEVELOPMENT AND EVALUATION OF MAGNETIC AND ELECTRICAL MATERIALS CAPABLE OF OPERATING IN THE 800 DEG TO 1600 DEG F TEMPERATURE RANGE THIRD QUARTERLY REPORT, 1 JUN. - 31 AUG. 1965,
N66-32924 13H S04 19 HC$ 3.75 MF$ 1.25

WESTINGHOUSE ELECTRIC CORP., PITTSBURGH, PA.
FLIGHT TYPE OXYGEN PARTIAL PRESSURE SENSOR.
N66-33459 6B S04 19 HC$ 2.00 MF$ 0.50

WESTINGHOUSE ELECTRIC CORP., PITTSBURGH, PA. BIOENGINEERING AND BIOSCIENCES TECHNOLOGY
NASA CONTRIBUTIONS TO - CARDIOVASCULAR MONITORING.
N66-32925 6B S04 19 HC$ 2.00 MF$ 0.50

WESTINGHOUSE RESEARCH LABS., PITTSBURGH, PA.
KINETIC ENERGY DISTRIBUTION OF NEGATIVE IONS FORMED BY DISSOCIATIVE ATTACHMENT AND THE MEASUREMENT OF THE ELECTRON AFFINITY OF OXYGEN,
AD-641 848 7D T66 24 HC$ 2.00 MF$ 0.50

WHEELER LABS., INC., GREAT NECK, N. Y.
DEVELOPMENT OF OPTICAL WAVEGUIDES AND COMPONENTS PROGRESS REPORT NO. 1339, FEB. 1965 - MAR. 1966.
N66-32757 20E S04 19 HC$ 3.00 MF$ 0.75

WHITE SANDS MISSILE RANGE, N. MEX. ATMOSPHERIC SCIENCES LAB.
METEOROLOGICAL DATA REPORT, AEROBEE NASA 4.106 MP (9 MAY 1966),
N66-33391 4B S04 19 HC$ 2.00 MF$ 0.50

WICHITA UNIV., KANS. DEPT. OF AERONAUTICAL ENGINEERING.
SOME FREE VIBRATION AND DYNAMIC RESPONSE PROBLEMS ASSOCIATED WITH CENTRIFUGALLY STABILIZED DISK AND SHELL STRUCTURES SEMIANNUAL PROGRESS REPORT, 15 FEB. - 15 AUG. 1966,
N66-33488 20K S04 19 HC$ 1.00 MF$ 0.50

WILMOTTE (RAYMOND M.), INC., KENDAL, FLA.
SUMMARY AND RECOMMENDATIONS. VOLUME A. TEXT,
AD-88 698 14B U41 24 HC$ 42.60

WISCONSIN UNIV., MADISON. DEPT. OF STATISTICS.
CONSTRUCTION OF THE UNIQUE SATURATED RESOLUTION V DESIGN IN 256 RUNS,
AD-641 397 12A T66 24 HC$ 1.00 MF$ 0.50

ASYMPTOTIC EFFICIENCY OF THE KOLMOGOROV - SMIRNOV TEST.
AD-641 398 12A T66 24 HC$ 1.00 MF$ 0.50

THE CONSTRUCTION OF SATURATED DESIGNS,
AD-641 934 12A T66 24 HC$ 2.00 MF$ 0.50

DISCRETE MODELS FOR FORECASTING AND CONTROL.
AD-641 935 12B T66 24 HC$ 2.00 MF$ 0.50

FACTOR CHANGES AND LINEAR TRENDS IN EIGHT-RUN TWO-LEVEL FACTORIAL DESIGNS.
PB-173 442 12A U41 24 HC$ 1.00 MF$ 0.50

WISCONSIN UNIV., MADISON. THEORETICAL CHEMISTRY INST.
BIPOLAR ANGLE AVERAGES AND TWO-CENTER, TWO-PARTICLE INTEGRALS INVOLVING R SUB 12,
AD-641 847 7D T66 24

AN APPRAISAL OF FOPIM FAST-CONVERGING PERTURBATION METHOD.
N66-33174 20J S04 19 HC$ 1.00 MF$ 0.50

DIFFERENT SCREENING CONSTANTS FOR DIFFERENT PHYSICAL PROPERTIES, I.
N66-33380 20J S04 19 HC$ 2.00 MF$ 0.50

SOME REMARKS ON THE USE OF THE VARIATIONAL PRINCIPLE FOR THE SECOND ORDER ENERGY.
N66-33420 20J S04 19 HC$ 1.00 MF$ 0.50

AN APPLICATION OF HIRSCHFELDER- SILBEY PERTURBATION THEORY TO THE H2 PLUS ION.
N66-37904 7D S04 23 HC$ 1.00 MF$ 0.50

WISCONSIN UNIV., MILWAUKEE. CENTER FOR ADVANCED STUDY IN ORGANIZATION SCIENCE.
ORGANIZATIONAL FACTORS IN SCIENTIFIC PERFORMANCE IN AN INDUSTRIAL RESEARCH LABORATORY,
AD-641 423 5A T66 24 HC$ 6.00 MF$ 1.25

WOODS HOLE OCEANOGRAPHIC INSTITUTION, MASS.
INSTRUCTION MANUAL FOR PRECISION GRAPHIC RECORDER (PGR),
AD-255 169 19H U41 24 HC$ 14.60

BOTTOM REVERBERATION IN THE NORTH ATLANTIC OCEAN AND EASTERN MEDITERRANEAN SEA.
AD-641 334 8J T66 24 HC$ 3.00 MF$ 0.50

RECENT OCEANOGRAPHIC MEASUREMENTS IN THE CARIBBEAN SEA.
AD-641 742 8J T66 24

TRANSITION ENERGIES FOR A MEROCYANINE DYE IN AQUEOUS ELECTROLYTE SOLUTIONS. SOLVENT POLARITY INDICATOR TRANSITION ENERGY-INTERNAL PRESSURE RELATIONS.
AD-641 743 7D T66 24

SOVIET BOOKS AND PUBLICATIONS ON GEOLOGICAL AND CHEMICAL OCEANOGRAPHY, HYDROLOGY, AND OTHER SUBJECTS ACQUIRED DURING THE SECOND INTERNATIONAL OCEANOGRAPHIC CONGRESS, MOSCOW, JUNE 1966 TITLES AND SOME TRANSLATED CONTENTS AND NOTES.
AD-641 976 8J T66 24 HC$ 2.00 MF$ 0.50

WRIGHT AERONAUTICAL DIV., CURTISS-WRIGHT CORP., WOOD-RIDGE, N. J.
THE EVALUATION OF A LIQUID METAL REGENERATOR FOR A 3750 HP TURBOPROP ENGINE,
AD-407 471 21E U41 24 HC$ 10.60

WYLE LABS., INC., HUNTSVILLE, ALA. TESTING DIV.
RESPONSE OF PANELS TO OSCILLATING SHOCK WAVES.
N66-38727 1A S04 23 HC$ 3.00 MF$ 0.75

YALE UNIV., NEW HAVEN, CONN.
STATISTICAL THEORY OF RADIATIVE PROCESSES IN PLASMAS,
AD-641 548 20I T66 24

THE SCIENTIFIC FOUNDATIONS OF SCIENCE POLICY,
PB-173 476 5A U41 24 HC$ 1.60 MF$ 0.50

YALE UNIV., NEW HAVEN, CONN. DEPT. OF MATHEMATICS.
ON SOME RESTRICTION ALGEBRAS,
AD-641 537 12A T66 24

YALE UNIV., NEW HAVEN, CONN. DEPT. OF PHYSICS.
EXPANSION THEOREM FOR FUNCTIONS OF OPERATORS,
AD-641 552 20J T66 24

TRANSFORMATION OF OPERATORS,
AD-641 553 20J T66 24

CONTRACT NUMBER INDEX

CONTRACT AF 04(695)-469
AD-456 624 20I U41 24 HC$ 1.00
CONTRACT AF 18(600)-102
AD-61 585 13M U41 24 HC$ 2.60
CONTRACT AF 18(600)-440
AD-43 734 18B U41 24 HC$ 1.60
CONTRACT AF 19(122)-458
AD-235 885 6D U41 24 HC$ 8.60
CONTRACT AF 19(604)-5200
AD-251 107 9E U41 24 HC$ 1.60
CONTRACT AF 19(628)-1648
AD-422-112 9B U41 24 HC$ 1.10
CONTRACT AF 19(628)-2350
AD-641 897 20N T66 24 HC$ 2.00 MF$ 0.50
CONTRACT AF 19(628)-238
AD-641 366 8K T66 24 HC$ 3.00 MF$ 0.75
CONTRACT AF 19(628)-2926
AD-641 725 18H T66 24 HC$ 4.00 MF$ 1.00
CONTRACT AF 19(628)-2988
AD-641 574 4B T66 24 HC$ 3.00 MF$ 0.75
CONTRACT AF 19(628)-2996
AD-482 811 3B U41 24 HC$ 2.00 MF$ 0.50
CONTRACT AF 19(628)-3891
AD-641 367 4A T66 24 HC$ 3.00 MF$ 0.75
CONTRACT AF 19(628)-4082
AD-642 002 8K T66 24
CONTRACT AF 19(628)-4322
AD-641 432 10B T66 24 HC$ 3.00 MF$ 0.75
CONTRACT AF 19(628)-4379
AD-641 561 9D T66 24 HC$ 3.00 MF$ 0.50
AD-641 562 9D T66 24 HC$ 2.00 MF$ 0.50
CONTRACT AF 19(628)-4976
AD-641 456 9A T66 24 HC$ 3.00 MF$ 0.50
CONTRACT AF 19(628)-5065
AD-641 671 6D T66 24 HC$ 6.00 MF$ 1.25
CONTRACT AF 19(628)-5092
AD-641 672 9B T66 24 HC$ 1.00 MF$ 0.50
CONTRACT AF 19(628)-5099
AD-641 710 9E T66 24 HC$ 4.00 MF$ 1.00
CONTRACT AF 19(628)-5165
AD-641 658 5E T66 24 HC$ 2.00 MF$ 0.50
AD-641 926 5E T66 24 HC$ 3.00 MF$ 0.75
CONTRACT AF 19(628)-5167
AD-641 498 20L T66 24 HC$ 3.00 MF$ 0.75
AD-641 603 17I T66 24 HC$ 2.00 MF$ 0.50
AD-641 640 17I T66 24 HC$ 2.00 MF$ 0.50
AD-641 641 17I T66 24 HC$ 1.00 MF$ 0.50
AD-641 959 9E T66 24 HC$ 2.00 MF$ 0.50
CONTRACT AF 19(628)-5528
AD-641 676 22B T66 24 HC$ 5.00 MF$ 1.00
CONTRACT AF 19(628)-5946
AD-641 614 9A T66 24 HC$ 3.00 MF$ 0.75
CONTRACT AF 30(602)-1361
AD-88 698 14B U41 24 HC$ 42.60
CONTRACT AF 30(602)-1648
PB-173 175 9E U41 24 HC$ 5.60 MF$ 0.50
CONTRACT AF 30(602)-2045
AD-248 052 20I U41 24 HC$ 1.60
CONTRACT AF 30(602)-2380
AD-641 899 20I T66 24 HC$ 9.60 MF$ 0.75
CONTRACT AF 30(602)-3380
AD-641 814 5J T66 24 HC$ 9.20 MF$ 2.75
CONTRACT AF 30(602)-3614
AD-641 858 9A T66 24 HC$ 4.00 MF$ 0.75
CONTRACT AF 30(602)-3879
AD-641 674 20F T66 24 HC$ 3.00 MF$ 0.75
CONTRACT AF 30(602)-3951
AD-641 898 9E T66 24 HC$ 4.00 MF$ 0.75
CONTRACT AF 33(038)-6413
AD-101 000 17G U41 24 HC$ 2.60
AD-101 072 17I U41 24 HC$ 2.60
AD-101 287 17I U41 24 HC$ 8.60
AD-101 882 17I U41 24 HC$ 4.00
AD-102 896 1B U41 24 HC$ 1.60
AD-102 897 17G U41 24 HC$ 1.60
AD-116 555 9D U41 24 HC$ 5.60
AD-227 738 15G U41 24 HC$ 9.60
AD-85 471 15E U41 24 HC$ 3.60
AD-85 982 17G U41 24 HC$ 2.60
CONTRACT AF 33(615)-1411
AD-460 878 20E U41 24 HC$ 2.00
CONTRACT AF 33(615)-1624
AD-455 328 11G U41 24 HC$ 10.60
CONTRACT AF 33(615)-1770
AD-641 435 20D T66 24 HC$ 4.00 MF$ 1.00
CONTRACT AF 33(615)-2684
AD-484 442 13M U41 24 HC$ 4.00 MF$ 0.75
CONTRACT AF 33(615)-2710
AD-641 975 7C T66 24 HC$ 3.00 MF$ 0.75
CONTRACT AF 33(616)-5524
PB-173 174 5E U41 24 HC$ 1.60 MF$ 0.50
CONTRACT AF 33(616)-7669
AD-279 107 1A U41 24 HC$ 7.60
CONTRACT AF 33(616)-8355
AD-641 414 7C T66 24 HC$ 3.00 MF$ 0.75
CONTRACT AF 33(657)-10639
AD-641 419 21D T66 24 HC$ 6.00 MF$ 1.50
CONTRACT AF 33(657)-11586
AD-452 983 20L U41 24 HC$ 25.10
CONTRACT AF 33(657)-62-385
AD-641 302 20D T66 24 HC$ 1.00 MF$ 0.50
CONTRACT AF 33(657)7978
AD-449 419 1D U41 24 HC$ 23.50
CONTRACT AF 40(600)-1080
AD-454 992 20M U41 24 HC$ 16.40
CONTRACT AF 40(600)-1200
AD-641 388 14B T66 24 HC$ 2.00 MF$ 0.50
AD-641 712 20D T66 24 HC$ 2.00 MF$ 0.50
CONTRACT AF 41(609)-1456
AD-641 509 3B T66 24 HC$ 6.00 MF$ 1.50
CONTRACT AF 49(638)-1000
AD-458 414 11H U41 24 HC$ 2.00
CONTRACT AF 49(638) 1700
AD-641 329 12A T66 24 HC$ 2.00 MF$ 0.50
CONTRACT AF 49(638)-1210
AD-641 914 20I T66 24
CONTRACT AF 49(638)-1271
AD-480 791 7D U41 24 HC$ 2.00 MF$ 0.50
CONTRACT AF 49(638)-1700
AD-641 323 12A T66 24 HC$ 3.00 MF$ 0.75
AD-641 335 15E T66 24 HC$ 3.00 MF$ 0.75
AD-641 336 5A T66 24 HC$ 2.00 MF$ 0.50
AD-641 357 12B T66 24 HC$ 5.00 MF$ 1.00
AD-641 655 19D T66 24 HC$ 3.00 MF$ 0.50
AD-641 667 12A T66 24 HC$ 1.00 MF$ 0.50
CONTRACT AF 49(638)-249
AD-448 045 20K U41 24 HC$ 3.00
CONTRACT AF 49(638)-700
AD-241 637 1C U41 24 HC$ 4.60
AD-252 910 9B U41 24 HC$ 3.60
AD-85 423 17G U41 24 HC$ 5.60
AD-85 427 17I U41 24 HC$ 3.60
CONTRACT AF 61(052)-861
AD-641 312 8K T66 24 HC$ 3.00 MF$ 0.75
CONTRACT AF 61(052)-906
AD-641 359 4A T66 24 HC$ 2.00 MF$ 0.50
CONTRACT AF 61(052)-951
AD-641 990 11F T66 24 HC$ 2.00 MF$ 0.50
AD-641 995 11F T66 24 HC$ 2.00 MF$ 0.50
CONTRACT AF 61/052/-655
N66-38175 7E S04 23 HC$ 2.00 MF$ 0.50
CONTRACT AF 61/052/-702
N66-33522 8K S04 19 HC$ 1.00 MF$ 0.50
N66-38296 8G S04 23 HC$ 3.00 MF$ 0.50
CONTRACT AF 61/052/-738
N66-38228 6P S04 23 HC$ 2.00 MF$ 0.50
CONTRACT AF 61/052/-837
N66-33523 4A S04 19 HC$ 3.00 MF$ 0.50
CONTRACT AF-EOAR-63-49
N66-33595 20K S04 19 HC$ 4.00 MF$ 0.75
CONTRACT AF-EOAR-64-19
N66-38368 6A S04 23 HC$ 1.00 MF$ 0.50
CONTRACT AF-EOAR-65-53
N66-33257 6A S04 19 HC$ 2.00 MF$ 0.50
CONTRACT AT(30-1)-1480
AD-641 633 20H T66 24
CONTRACT AT/30-1/-844
N66-33412 8G S04 19 HC$ 1.00 MF$ 0.50
CONTRACT CPR-11-1058
PB-173 454 11J U41 24 HC$ 3.00 MF$ 0.75
CONTRACT CPR-11-2630
PB-173 419 15E U41 24 HC$ 8.60 MF$ 2.25
CONTRACT CWB-10899
PB-173 429 4A U41 24 HC$ 3.00 MF$ 0.75
CONTRACT CWB-11100
PB-173 423 4B U41 24 HC$ 4.00 MF$ 0.75
CONTRACT CWB-11191
PB-173 433 4B U41 24 HC$ 3.00 MF$ 0.75
CONTRACT DA 36-039-AMC-02270(E)
AD-456 787 9A U41 24 HC$ 1.00
CONTRACT DAI-23-072-501-ORD(P)-43
AD-232 645 19A U41 24 HC$ 9.60
CONTRACT DA-01-009-ORD-1023
AD-457 934 21E U41 24 HC$ 2.00
CONTRACT DA-01-009-ORD-1041
AD-468 425 9F U41 24 HC$ 3.00 MF$ 0.50
CONTRACT DA-01-021-AMC-11706/Z/
N66-33390 9A S04 19 HC$ 3.00 MF$ 0.75
CONTRACT DA-01-021-ORD-11919
AD-455 918 19G U41 24 HC$ 5.00
CONTRACT DA-04-200-AMC-97(Z)
AD-443 844 6D U41 24 HC$ 10.60
AD-455 745 9B U41 24 HC$ 3.00
CONTRACT DA-04-495-ORD-3567(Z)
AD-294 466 20I U41 24 HC$ 4.60
CONTRACT DA-11-022-ORD-4023
AD-454 676 21D U41 24 HC$ 12.60
CONTRACT DA-18-035-AMC-101(A)
AD-641 843 18D T66 24 HC$ 2.00 MF$ 0.50
CONTRACT DA-19-066-AMC-266(X)
AD-641 407 13M T66 24 HC$ 4.00 MF$ 0.75
CONTRACT DA-19-066-AMC-308(X)
AD-641 408 13M T66 24 HC$ 3.00 MF$ 0.75
CONTRACT DA-19-066-AMC-325(X)
AD-641 911 11B T66 24 HC$ 2.00 MF$ 0.50
CONTRACT DA-19-129-AMC-157(N)
AD-641 433 11E T66 24 HC$ 4.00 MF$ 0.75
CONTRACT DA-19-129-AMC-19(X)
AD-449 505 7C U41 24 HC$ 3.00
CONTRACT DA-191-009-506-ORD-812
AD-457 861 20M U41 24 HC$ 3.00
CONTRACT DA-22-079-ENG-340
AD-450 669 20K U41 24 HC$ 6.00
CONTRACT DA-22-079-ENG-384
AD-641 716 8H T66 24 HC$ 6.00 MF$ 1.25
CONTRACT DA-28-043-AMC-00073(E)
AD-641 832 20J T66 24 HC$ 5.00 MF$ 1.00
AD-641 851 5A T66 24 HC$ 6.00 MF$ 1.25
CONTRACT DA-28-043-AMC-00152(E)
AD-456 849 10C U41 24 HC$ 9.60
AD-458 044 10C U41 24 HC$ 3.00
CONTRACT DA-28-043-AMC-00172(E)
AD-465 151 20C U41 24 HC$ 2.00 MF$ 0.50
CONTRACT DA-28-043-AMC-00212(E)

AD-641 673 9E T66 24 HC$ 3.00 MF$ 0.75

CONTRACT DA-28-043-AMC-01219/E/
N66-35328 4A S04 23 HC$ 2.00 MF$ 0.50

CONTRACT DA-28-043-AMC-01232(E)
AD-641 431 17B T66 24 HC$ 6.00 MF$ 1.25

CONTRACT DA-28-043-AMC-01372(E)
AD-641 994 9E T66 24 HC$ 2.00 MF$ 0.50

CONTRACT DA-28-043-AMC-01401(E)
AD-641 852 10C T66 24 HC$ 3.00 MF$ 0.75

CONTRACT DA-28-043-AMC-01541(E)
AD-641 486 9A T66 24 HC$ 3.00 MF$ 0.75

CONTRACT DA-28-043-AMC-01630(E)
AD-641 943 9A T66 24 HC$ 1.00 MF$ 0.50

CONTRACT DA-28-043-AMC-01901(E)
AD-641 647 9B T66 24 HC$ 3.00 MF$ 0.50

CONTRACT DA-28-043-AMC-02135(E)
AD-641 660 10C T66 24 HC$ 2.00 MF$ 0.50

CONTRACT DA-28-043-AMC-02205(E)
AD-641 412 10B T66 24 HC$ 2.00 MF$ 0.50

CONTRACT DA-28-043-AMD-02280(E)
AD-641 413 9E T66 24 HC$ 3.00 MF$ 0.75

CONTRACT DA-31-124-ARO(D)-105
AD-641 854 20I T66 24 HC$ 2.00 MF$ 0.50

CONTRACT DA-31-124-ARO(D)-125
AD-453 658 15G U41 24 HC$ 2.00

CONTRACT DA-31-124-ARO(D)-288
AD-641 576 12A T66 24 HC$ 2.00 MF$ 0.50

CONTRACT DA-31-124-ARO(D)-378
AD-641 607 11F T66 24 HC$ 1.00 MF$ 0.50

CONTRACT DA-36-029-SC-90821
AD-641 992 20C T66 24 HC$ 1.00 MF$ 0.50

CONTRACT DA-36-039-AMC-02282(E)
AD-481 611 9E U41 24 HC$ 3.00 MF$ 0.75
AD-485 171 9E U41 24 HC$ 2.00 MF$ 0.50

CONTRACT DA-36-039-AMC-02324(E)
AD-641 613 9A T66 24 HC$ 3.00 MF$ 0.50

CONTRACT DA-36-039-AMC-03200(E)
AD-641 325 17B T66 24 HC$ 3.00 MF$ 0.75

CONTRACT DA-36-039-AMC-03200/E/
N66-33179 9A S04 19 HC$ 1.00 MF$ 0.50

CONTRACT DA-36-039-AMC-03245(E)
AD-445 865 10A U41 24 HC$ 5.60

CONTRACT DA-36-039-AMC-03314(E)
AD-641 907 14B T66 24 HC$ 1.00 MF$ 0.50

CONTRACT DA-36-039-AMC-03703(E)
AD-641 795 4A T66 24 HC$ 2.00 MF$ 0.50

CONTRACT DA-36-039-AMC-06162(E)
AD-641 409 9A T66 24 HC$ 2.00 MF$ 0.50

CONTRACT DA-36-039-AMC-06166(E)
AD-641 461 9E T66 24 HC$ 1.00 MF$ 0.50

CONTRACT DA-36-039-AMC-06170(E)
AD-641 877 9A T66 24 HC$ 3.00 MF$ 0.75

CONTRACT DA-36-039-AMC-06174(E)
AD-641 401 9A T66 24 HC$ 3.00 MF$ 0.75

CONTRACT DA-36-039-AMC-06181(E)
AD-641 410 9A T66 24 HC$ 2.00 MF$ 0.50

CONTRACT DA-36-039-AMC-06185(E)
AD-641 411 9A T66 24 HC$ 2.00 MF$ 0.50

CONTRACT DA-36-039-SC-56729
AD-111 685 14B U41 24 HC$ 2.60

CONTRACT DA-36-039-SC-80334
AD-268 695 2C U41 24 HC$ 17.10

CONTRACT DA-36-039-SC-85973
AD-641 606 9A T66 24 HC$ 2.00 MF$ 0.50

CONTRACT DA-36-039-SC-87426
AD-274 969 20L U41 24 HC$ 4.60

CONTRACT DA-36-039-SC-90789
AD-457 119 20E U41 24 HC$ 7.60

CONTRACT DA-44-009-AMC-1563(T)
AD-641 932 11F T66 24 HC$ 1.00 MF$ 0.50

CONTRACT DA-44-177-AMC-30(T)
AD-471 437 13I U41 24 HC$ 4.60 MF$ 0.50

CONTRACT DA-44-188-ARO-2
AD-422 110 5I U41 24 HC$ 2.60
AD-457 167 5I U41 24 HC$ 3.00
AD-463 787 15F U41 24 HC$ 3.00
AD-481 737 5I U41 24 HC$ 2.00 MF$ 0.50

CONTRACT DA-49-055-CIVENG-63-5
AD-641 396 20D T66 24 HC$ 3.00 MF$ 0.50

CONTRACT DA-49-092-ARO-7
AD-641 326 5B T66 24 HC$ 4.00 MF$ 0.75

CONTRACT DA-49-145-XZ-145
AD-463 240 18C U41 24 HC$ 4.00

CONTRACT DA-49-146-XZ-100
N66-33075 22B S04 19 HC$ 6.00 MF$ 4.75

CONTRACT DA-49-146-XZ-128
AD-641 311 8H T66 24 HC$ 4.00 MF$ 0.75

CONTRACT DA-49-186-AMC-214(D)
AD-478 089 14E U41 24 HC$ 1.00 MF$ 0.50

CONTRACT DA-49-186-ORD-1036
AD-286 698 10B U41 24 HC$ 10.60

CONTRACT EURATOM-087-66-1 TEEB (RD)
N66-38644 11F S04 23 HC$ 4.00 MF$ 1.00

CONTRACT FA-WA-4590
AD-641 677 1C T66 24 HC$ 4.00 MF$ 0.75

CONTRACT FA-65-WA-1246
AD-641 506 15E T66 24 HC$ 2.00 MF$ 0.50
AD-641 507 15E T66 24 HC$ 5.00 MF$ 1.00
AD-641 508 15E T66 24 HC$ 5.00 MF$ 1.00

CONTRACT FA-65-WA-1344
AD-641 611 15E T66 24 HC$ 5.00 MF$ 1.00

CONTRACT HA-3307
PB-173 247 9A U41 24 HC$ 3.00 MF$ 0.75

CONTRACT NASA ORDER R-184
N66-33434 18K S04 19 HC$ 3.00 MF$ 0.75

CONTRACT NASA ORDER R-184/1/
N66-38713 18D S04 23 HC$ 3.00 MF$ 0.75

CONTRACT NASA ORDER R-85
N66-38192 6M S04 23 HC$ 7.00 MF$ 2.00

CONTRACT NASR-18
N66-33444 6P S04 19 HC$ 3.00 MF$ 0.50

CONTRACT NASR-21-02
N66-33181 17B S04 19 HC$ 2.00 MF$ 0.50

CONTRACT NASR-21/11/
N66-38714 14D S04 23 HC$ 1.00 MF$ 0.50

CONTRACT NASR-49/07/
N66-33175 20H S04 19 HC$ 1.00 MF$ 0.50

CONTRACT NASR-65/09/
N66-34066 13H S04 19 HC$ 4.00 MF$ 0.75

CONTRACT NASW-101
N66-33432 11F S04 19 HC$ 1.00 MF$ 0.50

CONTRACT NASW-1047
N66-32965 13H S04 19 HC$ 2.00 MF$ 0.50

CONTRACT NASW-1088
N66-32764 20I S04 19 HC$ 1.00 MF$ 0.50

CONTRACT NASW-1100
N66-32958 13H S04 19 HC$ 2.00 MF$ 0.50
N66-33464 11D S04 19 HC$ 3.00 MF$ 0.75

CONTRACT NASW-1168
N66-32795 11F S04 19 HC$ 1.00 MF$ 0.50

CONTRACT NASW-1188
N66-38145 20M S04 23 HC$ 3.00 MF$ 1.00

CONTRACT NASW-1221
N66-32962 13I S04 19 HC$ 4.00 MF$ 0.75

CONTRACT NASW-1226
N66-32722 4A S04 19 HC$ 2.50 MF$ 0.75

CONTRACT NASW-1229
N66-32923 21H S04 19 HC$ 3.75 MF$ 1.25

CONTRACT NASW-1282
N66-33982 20M S04 19 HC$ 2.00 MF$ 0.50

CONTRACT NASW-1315
N66-34085 5B S04 19 HC$ 3.25 MF$ 1.00

CONTRACT NASW-1366
N66-33389 20H S04 19 HC$ 2.00 MF$ 0.50

CONTRACT NASW-417
N66-33573 12A S04 19 HC$ 2.00 MF$ 0.50

CONTRACT NASW-572
N66-32716 9A S04 19 HC$ 1.00 MF$ 0.50
N66-33435 9A S04 19 HC$ 1.00 MF$ 0.50

CONTRACT NASW-744
N66-32800 5H S04 19 HC$ 3.75 MF$ 1.25

CONTRACT NASW-812
N66-34072 6F S04 19 HC$ 1.00 MF$ 0.50

CONTRACT NASW-843
N66-34044 8D S04 19 HC$ 6.00 MF$ 1.50

CONTRACT NASW-943
N66-33975 10B S04 19 HC$ 5.54 MF$ 2.50

CONTRACT NASW-956
N66-38804 1A S04 23 HC$ 2.50 MF$ 0.75

CONTRACT NASW-978
N66-32788 14B S04 19 HC$ 2.50 MF$ 0.75

CONTRACT NAS-12-2
N66-32757 20E S04 19 HC$ 3.00 MF$ 0.75

CONTRACT NAS1-3380
N66-38423 9F S04 23 HC$ 2.00 MF$ 0.50

CONTRACT NAS1-3601
N66-38758 20H S04 23 HC$ 2.00 MF$ 0.50

CONTRACT NAS1-4102
N66-33494 13K S04 19 HC$ 3.00 MF$ 1.00
N66-33496 21H S04 19 HC$ 2.50 MF$ 0.75

CONTRACT NAS1-4340
N66-33459 6B S04 19 HC$ 2.00 MF$ 0.50

CONTRACT NAS1-4349
N66-38688 14B S04 23 HC$ 3.00 MF$ 1.00

CONTRACT NAS1-4419
N66-33981 5H S04 19 HC$ 5.00 MF$ 0.75

CONTRACT NAS1-4449
N66-38494 14B S04 23 HC$ 2.00 MF$ 0.50
N66-38794 14B S04 23 HC$ 2.00 MF$ 0.50
N66-38795 6B S04 23 HC$ 2.00 MF$ 0.50
N66-38796 6B S04 23 HC$ 4.25 MF$ 2.00
N66-38797 6B S04 23 HC$ 4.25 MF$ 2.00
N66-38798 6B S04 23 HC$ 4.25 MF$ 2.00
N66-38799 6B S04 23 HC$ 2.50 MF$ 0.50

CONTRACT NAS1-4577
N66-38498 11F S04 23 HC$ 2.50 MF$ 0.75

CONTRACT NAS1-4776
N66-38753 9A S04 23 HC$ 2.00 MF$ 0.50

CONTRACT NAS1-4874
N66-33492 17G S04 19 HC$ 3.25 MF$ 1.25

CONTRACT NAS1-4908
N66-33024 20K S04 19 HC$ 2.00 MF$ 0.50

CONTRACT NAS1-4920
N66-32959 5H S04 19 HC$ 3.00 MF$ 0.75

CONTRACT NAS1-5042
N66-33974 9F S04 19 HC$ 2.00 MF$ 0.50

CONTRACT NAS1-5120
N66-38424 1A S04 23 HC$ 2.50 MF$ 0.75

CONTRACT NAS1-5149
N66-38421 1A S04 23 HC$ 2.50 MF$ 0.75

CONTRACT NAS1-5150
N66-38495 22B S04 23 HC$ 3.75 MF$ 1.50

CONTRACT NAS1-5221
N66-37644 14B S04 23 HC$ 2.50 MF$ 0.75

CONTRACT NAS1-5253
N66-33979 22C S04 19 HC$ 2.00 MF$ 0.50

CONTRACT NAS1-5625
N66-33198 5E S04 19 HC$ 5.00 MF$ 1.00

CONTRACT NAS1-5710
N66-38493 14B S04 23 HC$ 2.50 MF$ 0.75

CONTRACT NAS1-5800
N66-38492 14E S04 23 HC$ 3.25 MF$ 1.00

CONTRACT NAS1-5813
N66-38754 20A S04 23 HC$ 2.50 MF$ 0.50

CONTRACT NAS1-5937
N66-38756 5H S04 23 HC$ 3.25 MF$ 1.25

CONTRACT NAS10-2693
N66-37943 14B S04 23 HC$ 7.00 MF$ 2.00
N66-37944 14B S04 23 HC$ 2.00 MF$ 0.50

CONTRACT NAS12-72
N66-32763 9A S04 19 HC$ 2.00 MF$ 0.50
N66-32765 9A S04 19 HC$ 2.00 MF$ 0.50

CONTRACT NAS2-1328
N66-37775 6P S04 23 HC$ 3.00 MF$ 1.00
CONTRACT NAS2-1397
N66-32705 22B S04 19 HC$ 3.00 MF$ 0.75
CONTRACT NAS2-1798
N66-32717 20M S04 19 HC$ 3.00 MF$ 0.75
CONTRACT NAS2-1868-3
N66-33461 5H S04 19 HC$ 2.00 MF$ 0.50
CONTRACT NAS2-2122
N66-37776 6P S04 23 HC$ 4.25 MF$ 2.00
CONTRACT NAS2-2209
N66-38751 5H S04 23 HC$ 6.00 MF$ 3.00
CONTRACT NAS2-2648
N66-33458 17G S04 19 HC$ 3.00 MF$ 0.75
CONTRACT NAS2-3209
N66-38086 7A S04 23 HC$ 4.00 MF$ 1.00
CONTRACT NAS2-3224
N66-38805 1B S04 23 HC$ 2.50 MF$ 0.75
CONTRACT NAS3-2533
N66-33463 21C S04 19 HC$ 2.00 MF$ 0.50
CONTRACT NAS3-2547
N66-38146 14B S04 23 HC$ 2.00 MF$ 0.50
N66-38725 14B S04 23 HC$ 5.00 MF$ 1.25
CONTRACT NAS3-2555
N66-33977 13H S04 19 HC$ 2.50 MF$ 0.75
N66-38757 13H S04 23 HC$ 2.50 MF$ 0.75
CONTRACT NAS3-3680
N66-37643 21C S04 23 HC$ 3.00 MF$ 0.75
CONTRACT NAS3-4165
N66-33023 11F S04 19 HC$ 2.00 MF$ 0.50
CONTRACT NAS3-4170
N66-38106 14B S04 23 HC$ 2.50 MF$ 0.50
CONTRACT NAS3-4171
N66-38497 20I S04 23 HC$ 3.00 MF$ 0.75
CONTRACT NAS3-6267
N66-32922 13I S04 19 HC$ 3.00 MF$ 1.00
CONTRACT NAS3-6276
N66-38759 10A S04 23 HC$ 3.00 MF$ 0.75
CONTRACT NAS3-6289
N66-38500 13M S04 23 HC$ 3.75 MF$ 1.75
CONTRACT NAS3-6465
N66-32924 13M S04 19 HC$ 3.75 MF$ 1.25
CONTRACT NAS3-6467
N66-33505 9A S04 19 HC$ 2.50 MF$ 0.75
CONTRACT NAS3-6474
N66-33976 11F S04 19 HC$ 2.00 MF$ 0.50
CONTRACT NAS3-6477
N66-38490 10A S04 23 HC$ 2.50 MF$ 0.50
CONTRACT NAS3-7266
N66-39147 11F S04 23 HC$ 4.00 MF$ 1.00
CONTRACT NAS3-7267
N66-33504 11F S04 19 HC$ 3.00 MF$ 1.00
CONTRACT NAS3-7626
N66-38755 11F S04 23 HC$ 2.00 MF$ 0.50
CONTRACT NAS3-7632
N66-37685 10C S04 23 HC$ 2.50 MF$ 0.75
CONTRACT NAS3-7635
N66-38491 13I S04 23 HC$ 2.00 MF$ 0.50
CONTRACT NAS3-7636
N66-37800 10C S04 23 HC$ 2.50 MF$ 0.50
CONTRACT NAS3-7638
N66-38499 6K S04 23 HC$ 3.25 MF$ 1.25
CONTRACT NAS3-7980
N66-33498 13K S04 19 HC$ 2.00 MF$ 0.50
CONTRACT NAS5-3973
N66-38792 13H S04 23 HC$ 2.00 MF$ 0.50
CONTRACT NAS5-9226
N66-38706 10C S04 23 HC$ 1.00 MF$ 0.50
CONTRACT NAS5-9228
N66-38802 4A S04 23 HC$ 2.50 MF$ 0.75
CONTRACT NAS5-9231
N66-38803 3B S04 23 HC$ 2.50 MF$ 0.75
CONTRACT NAS5-9299
N66-33397 22B S04 19 HC$ 1.00 MF$ 0.50
CONTRACT NAS5-9513
N66-38363 20F S04 23 HC$ 2.00 MF$ 0.50
CONTRACT NAS5-9540
N66-38420 4B S04 23 HC$ 2.00 MF$ 0.50
CONTRACT NAS5-9572
N66-33572 20K S04 19 HC$ 3.25 MF$ 1.25
CONTRACT NAS5-9939
N66-38707 17I S04 23 HC$ 3.00 MF$ 0.75
CONTRACT NAS7-100
N66-32698 18D S04 19 HC$ 2.00 MF$ 0.50
N66-32724 20D S04 19 HC$ 2.50 MF$ 0.75
N66-32725 20K S04 19 HC$ 2.00 MF$ 0.50
N66-33440 20I S04 19 HC$ 2.00 MF$ 0.50
N66-33541 21H S04 19 HC$ 3.75 MF$ 1.50
N66-33718 22B S04 19 HC$ 6.12 MF$ 6.54
N66-33769 7B S04 19 HC$ 1.00 MF$ 0.50
N66-33770 3A S04 19 HC$ 2.50 MF$ 0.50
N66-33771 14B S04 19 HC$ 2.00 MF$ 0.50
N66-37642 22B S04 23 HC$ 1.00 MF$ 0.50
N66-37804 21H S04 23 HC$ 2.50 MF$ 0.75
N66-37805 21H S04 23 HC$ 2.00 MF$ 0.50
N66-38501 22B S04 23 HC$ 3.00 MF$ 0.75
N66-38502 20D S04 23 HC$ 2.00 MF$ 0.50
N66-38503 21H S04 23 HC$ 2.00 MF$ 0.50
N66-38504 12A S04 23 HC$ 1.00 MF$ 0.50
N66-38505 22A S04 23 HC$ 1.00 MF$ 0.50
N66-38506 22B S04 23 HC$ 2.50 MF$ 0.75
N66-38546 9F S04 23 HC$ 3.00 MF$ 1.00
N66-38789 7D S04 23 HC$ 1.00 MF$ 0.50
CONTRACT NAS7-101
N66-33408 20M S04 19 HC$ 4.00 MF$ 0.75
N66-38791 11F S04 23 HC$ 2.00 MF$ 0.50
CONTRACT NAS7-289
N66-33436 20L S04 19 HC$ 1.00 MF$ 0.50
CONTRACT NAS7-478
N66-37945 7C S04 23 HC$ 2.00 MF$ 0.50
CONTRACT NAS8-11125
N66-38104 13E S04 23 HC$ 7.85 MF$ 2.50
CONTRACT NAS8-11155
N66-33375 20K S04 19 HC$ 2.00 MF$ 0.50
CONTRACT NAS8-11184
N66-33443 4A S04 19 HC$ 1.00 MF$ 0.50
CONTRACT NAS8-11235
N66-33170 9A S04 19 HC$ 4.00 MF$ 0.75
CONTRACT NAS8-11363
N66-38105 20M S04 23 HC$ 4.00 MF$ 1.00
N66-38114 20M S04 23 HC$ 2.00 MF$ 0.50
N66-38790 20M S04 23 HC$ 3.00 MF$ 0.75
CONTRACT NAS8-11364
N66-34042 21H S04 19 HC$ 3.00 MF$ 0.75
CONTRACT NAS8-11454
N66-38744 13M S04 23 HC$ 3.00 MF$ 0.75
CONTRACT NAS8-11699
N66-37905 14B S04 23 HC$ 3.00 MF$ 0.75
CONTRACT NAS8-11835
N66-38787 9F S04 23 HC$ 3.00 MF$ 0.75
CONTRACT NAS8-11925
N66-32756 9A S04 19 HC$ 1.00 MF$ 0.50
CONTRACT NAS8-1555
N66-34071 20D S04 19 HC$ 1.00 MF$ 0.50
CONTRACT NAS8-20073
N66-33433 21I S04 19 HC$ 2.00 MF$ 0.50
CONTRACT NAS8-20073-1
N66-38727 1A S04 23 HC$ 3.00 MF$ 0.75
CONTRACT NAS8-20085
N66-32960 22A S04 19 HC$ 4.66 MF$ 2.50
N66-32961 22A S04 19 HC$ 3.00 MF$ 0.75
CONTRACT NAS8-20156
N66-32787 13M S04 19 HC$ 2.00 MF$ 0.50
CONTRACT NAS8-5289
N66-32715 20M S04 19 HC$ 2.50 MF$ 0.75
CONTRACT NAS8-5321
N66-32759 22C S04 19 HC$ 2.00 MF$ 0.50
CONTRACT NAS8-825
N66-33180 20M S04 19 HC$ 3.00 MF$ 0.75
CONTRACT NAS9-2065
N66-33717 5E S04 19 HC$ 2.50 MF$ 0.50
CONTRACT NAS9-2469
N66-33431 4A S04 19 HC$ 5.00 MF$ 1.25
CONTRACT NAS9-2494
N66-33713 20D S04 19 HC$ 2.50 MF$ 0.50
CONTRACT NAS9-2792
N66-33499 7A S04 19 HC$ 3.75 MF$ 1.50
CONTRACT NAS9-3954
N66-33490 22B S04 19 HC$ 2.50 MF$ 0.75
N66-33497 22B S04 19 HC$ 2.00 MF$ 0.50
N66-33501 22B S04 19 HC$ 3.00 MF$ 1.00
CONTRACT NAS9-4358
N66-33714 21B S04 19 HC$ 2.00 MF$ 0.50
CONTRACT NAS9-4630
N66-33495 20D S04 19 HC$ 2.50 MF$ 0.75
CONTRACT NAS9-5527
N66-33493 11A S04 19 HC$ 2.00 MF$ 0.50
CONTRACT NBY-32250
AD-641 925 13B T66 24 HC$ 9.65 MF$ 2.75
CONTRACT NGR-05-007-046
N66-38709 3B S04 23 HC$ 2.00 MF$ 0.50
CONTRACT NGR-09-11-006
N66-33442 8G S04 19 HC$ 2.00 MF$ 0.50
CONTRACT NGR-17-0003-004
N66-33400 20K S04 19 HC$ 1.00 MF$ 0.50
CONTRACT NGR-22-011-013
N66-38731 12A S04 23 HC$ 5.00 MF$ 1.25
CONTRACT NGR-23-005-159
N66-38705 5J S04 23 HC$ 1.00 MF$ 0.50
CONTRACT NGR-39-009-041
N66-33462 12A S04 19 HC$ 2.00 MF$ 0.50
CONTRACT NGR-40-002-015
N66-33438 12A S04 19 HC$ 1.00 MF$ 0.50
CONTRACT NGR-40-002-026
N66-33388 10A S04 19 HC$ 2.00 MF$ 0.50
CONTRACT NGR-49-001-019
N66-38718 6S S04 23 HC$ 1.00 MF$ 0.50
CONTRACT NOBSR-72521
AD-255 189 19W U41 24 HC$ 14.80
CONTRACT NOBSR-91167
AD-455 096 11G U41 24 HC$ 1.00
CONTRACT NOBSR-93090
AD-641 399 17B T66 24 HC$ 1.00 MF$ 0.50
CONTRACT NOBSR-95052
AD-482 059 9E U41 24 HC$ 1.00 MF$ 0.50
CONTRACT NOBS-4427
AD-406 277 13J U41 24 HC$ 8.60
CONTRACT NOBS-88318
AD-338 257 11G U41 24 HC$ 2.60
CONTRACT NOBS-92226
AD-480 198 20K U41 24 HC$ 4.00 MF$ 0.75
CONTRACT NOBS-92530
AD-641 354 13H T66 24 HC$ 1.00 MF$ 0.50
CONTRACT NOBS-92559
AD-488 439 13A U41 24 HC$ 2.00 MF$ 0.50
CONTRACT NONR-1147(07)
AD-641 511 5J T66 24 HC$ 1.00 MF$ 0.50
CONTRACT NONR-1202(17)
AD-641 397 12A T66 24 HC$ 1.00 MF$ 0.50
AD-641 934 12A T66 24 HC$ 2.00 MF$ 0.50
CONTRACT NONR-1575(03)
AD-641 402 8G T66 24 HC$ 3.00 MF$ 0.75
CONTRACT NONR-1841(59)
AD-641 340 20D T66 24 HC$ 6.00 MF$ 1.25
CONTRACT NONR-1841(74)
AD-641 392 20A T66 24 HC$ 3.00 MF$ 0.75
AD-641 393 17Q T66 24 HC$ 2.00 MF$ 0.50
CONTRACT NONR-1866(10)
AD-641 363 20L T66 24 HC$ 5.00 MF$ 1.00
CONTRACT NONR-1866(16)
AD-641 404 22C T66 24 HC$ 1.00 MF$ 0.50
CONTRACT NONR-1866(32)

AD-641 362 9E T66 24 HC$ 1.00 MF$ 0.50
CONTRACT NONR-1866(43)
AD-641 699 5J T66 24 HC$ 1.00 MF$ 0.50
CONTRACT NONR-1866(50)
AD-641 324 11B T66 24 HC$ 3.00 MF$ 0.50
CONTRACT NONR-1891(00)
AD-641 608 3B T66 24 HC$ 1.00 MF$ 0.50
CONTRACT NONR-2119(04)
AD-641 364 8J T66 24 HC$ 3.00 MF$ 0.75
CONTRACT NONR-2196(00)
AD-641 742 8J T66 24
AD-641 743 7D T66 24
CONTRACT NONR-220(28)
AD-641 439 20D T66 24 HC$ 2.00 MF$ 0.50
CONTRACT NONR-220(47)
AD-641 998 20H T66 24
AD-642 000 20H T66 24
CONTRACT NONR-220(58)
AD-641 497 20K T66 24 HC$ 2.00 MF$ 0.50
AD-641 651 12A T66 24 HC$ 1.00 MF$ 0.50
CONTRACT NONR-222(83)
AD-641 844 13B T66 24 HC$ 2.00 MF$ 0.50
CONTRACT NONR-225(56)
AD-641 708 13J T66 24 HC$ 4.00 MF$ 0.75
CONTRACT NONR-225(73)
AD-641 395 5J T66 24 HC$ 3.00 MF$ 0.75
CONTRACT NONR-225/53/
N66-33401 12A S04 19 HC$ 2.00 MF$ 0.50
CONTRACT NONR-233(89)
AD-641 700 15E T66 24 HC$ 3.00 MF$ 0.75
CONTRACT NONR-2584(00)
AD-641 848 7D T66 24 HC$ 2.00 MF$ 0.50
CONTRACT NONR-285(55)
AD-641 368 12A T66 24 HC$ 2.00 MF$ 0.50
CONTRACT NONR-3013(00)
AD-641 915 20L T66 24 HC$ 1.00 MF$ 0.50
AD-641 916 20L T66 24 HC$ 1.00 MF$ 0.50
AD-641 917 20L T66 24 HC$ 1.00 MF$ 0.50
AD-641 918 20L T66 24 HC$ 1.00 MF$ 0.50
AD-641 919 9A T66 24 HC$ 1.00 MF$ 0.50
AD-641 920 9A T66 24 HC$ 1.00 MF$ 0.50
CONTRACT NONR-3185(00)
AD-641 661 20I T66 24 HC$ 3.00 MF$ 0.50
CONTRACT NONR-3437(00)
AD-461 769 20I U41 24 HC$ 9.60
CONTRACT NONR-3560(00)
AD-296 016 20F U41 24 HC$ 9.60
CONTRACT NONR-3591(01)
AD-641 891 5J T66 24 HC$ 2.00 MF$ 0.50
CONTRACT NONR-3656(26)
AD-641 972 3B T66 24 HC$ 1.00 MF$ 0.50
CONTRACT NONR-3731(00)
AD-641 369 11H T66 24 HC$ 1.00 MF$ 0.50
CONTRACT NONR-3732(00)
AD-641 822 5C T66 24 HC$ 2.00 MF$ 0.50
CONTRACT NONR-3765(00)
AD-445 787 7D U41 24 HC$ 3.60
CONTRACT NONR-3942(00)
AD-641 394 14B T66 24 HC$ 3.00 MF$ 0.50
CONTRACT NONR-396(11)
AD-641 421 6C T66 24
CONTRACT NONR-401(14)
AD-641 659 7D T66 24 HC$ 2.00 MF$ 0.50
CONTRACT NONR-401(55)
AD-641 499 12B T66 24 HC$ 5.00 MF$ 1.00
CONTRACT NONR-4010(09)
AD-641 800 12A T66 24 HC$ 2.00 MF$ 0.50
CONTRACT NONR-4029(00)
AD-641 334 8J T66 24 HC$ 3.00 MF$ 0.50
CONTRACT NONR-404/18/
N66-37927 12A S04 23 HC$ 1.00 MF$ 0.50
CONTRACT NONR-4095(00)
AD-641 900 6E T66 24 HC$ 1.00 MF$ 0.50
CONTRACT NONR-4138(00)
AD-641 541 9B T66 24
CONTRACT NONR-4177(00)
AD-641 849 8C T66 24 HC$ 4.00 MF$ 0.75
CONTRACT NONR-4289(01)
AD-641 604 20A T66 24 HC$ 4.00 MF$ 0.75
CONTRACT NONR-4336(00)
AD-641 390 20B T66 24 HC$ 2.00 MF$ 0.50
CONTRACT NONR-4381(00)
AD-641 578 7B T66 24 HC$ 2.00 MF$ 0.50
CONTRACT NONR-4649(00)(X)
AD-641 391 17I T66 24 HC$ 6.00 MF$ 1.25
CONTRACT NONR-4695(00)
AD-641 372 13J T66 24 HC$ 3.00 MF$ 0.50
CONTRACT NONR-4743(00)
AD-641 423 5A T66 24 HC$ 6.00 MF$ 1.25
CONTRACT NONR-477(10)
AD-641 769 8A T66 24
CONTRACT NONR-4803(00)
AD-641 500 11B T66 24 HC$ 3.00 MF$ 0.75
CONTRACT NONR-4935(00)
AD-641 615 5J T66 24 HC$ 2.00 MF$ 0.50
CONTRACT NONR-495(18)
AD-641 839 5J T66 24
CONTRACT NONR-5152(00)
AD-641 853 12A T66 24 HC$ 1.00 MF$ 0.50
CONTRACT NONR-551(40)
AD-641 564 5B T66 24 HC$ 3.00 MF$ 0.75
CONTRACT NONR-609(51)
AD-641 548 20I T66 24
CONTRACT NONR-624(14)
AD-641 385 5J T66 24
AD-641 652 5A T66 24 HC$ 1.00 MF$ 0.50
CONTRACT NONR-656(27)
AD-641 653 20K T66 24 HC$ 5.00 MF$ 1.25
CONTRACT NONR-760(14)
AD-641 428 11F T66 24 HC$ 7.00 MF$ 1.50
CONTRACT NONR-760(24)
AD-641 322 12A T66 24 HC$ 1.00 MF$ 0.50
AD-641 438 5A T66 24 HC$ 2.00 MF$ 0.50
CONTRACT NONR-760(29)
AD-641 657 11B T66 24 HC$ 2.00 MF$ 0.50
CONTRACT NONR-816(12)
AD-641 675 5J T66 24 HC$ 1.00 MF$ 0.50
CONTRACT NONR-908(15)
AD-641 624 5J T66 24 HC$ 3.00 MF$ 0.50
CONTRACT NONR-988(08)
AD-641 857 12A T66 24 HC$ 4.00 MF$ 0.75
CONTRACT NONR/G/-4336/00/
N66-38275 9A S04 23 HC$ 1.00 MF$ 0.50
CONTRACT NORD-7386
AD-641 503 21B T66 24 HC$ 2.00 MF$ 0.50
CONTRACT NOW-0604
AD-641 502 17G T66 24 HC$ 1.00 MF$ 0.50
CONTRACT NOW-62-0604
AD-641 501 17B T66 24 HC$ 2.00 MF$ 0.50
AD-641 504 20N T66 24 HC$ 1.00 MF$ 0.50
CONTRACT NOW-63-0588
AD-641 901 20D T66 24 HC$ 5.00 MF$ 1.00
CONTRACT NOW-63-0674-C
AD-451 884 11I U41 24 HC$ 5.00
CONTRACT NOW-64-0267-C
AD-462 843 11F U41 24 HC$ 1.00
AD-468 171 11F U41 24 HC$ 1.00 MF$ 0.50
CONTRACT NSR-17-004-003
N66-32758 8B S04 19 HC$ 2.00 MF$ 0.50
N66-32761 17I S04 19 HC$ 2.50 MF$ 0.50
CONTRACT NSR-24-005-062
N66-33399 3A S04 19 HC$ 4.00 MF$ 1.00
CONTRACT NSR-33-009-030
N66-34045 21M S04 19 HC$ 4.00 MF$ 1.00
CONTRACT N00014-66-C0019-A01
AD-641 575 7C T66 24 HC$ 1.00 MF$ 0.50
CONTRACT N00014-66-C0049
AD-641 894 8B T66 24 HC$ 3.00 MF$ 0.75
CONTRACT N00014-66-C0156
AD-641 355 17I T66 24 HC$ 2.00 MF$ 0.50
CONTRACT N00014-66-C020A03
AD-641 745 9B T66 24 HC$ 1.00 MF$ 0.50
CONTRACT N00014-66-C0331
AD-641 422 4A T66 24 HC$ 2.00 MF$ 0.50
CONTRACT N123(62861)53723A
PB-173 504 9C U41 24 HC$ 1.00 MF$ 0.50
CONTRACT N228(62479)67947
AD-641 654 6R T66 24 HC$ 3.00 MF$ 0.75
CONTRACT N228(62497)68124
AD-641 913 18D T66 24 HC$ 4.00 MF$ 0.75
CONTRACT N5ORI-166(01)
AD-44 181 9E U41 24 HC$ 3.60
AD-50 619 5E U41 24 HC$ 2.60
CONTRACT N6ONR-241(06)
AD-109 235 5E U41 24 HC$ 1.10
AD-109 236 5E U41 24 HC$ 1.10
AD-109 237 5E U41 24 HC$ 1.10
AD-109 238 5E U41 24 HC$ 1.60
AD-51 494 5E U41 24 HC$ 1.10
AD-92 507 5E U41 24 HC$ 2.60
CONTRACT N6ONR-279(01)
AD-641 316 6E T66 24 HC$ 2.00 MF$ 0.50
AD-641 317 6E T66 24 HC$ 6.00 MF$ 1.25
AD-641 318 6E T66 24 HC$ 2.00 MF$ 0.50
CONTRACT N6ONR-279(03)
AD-641 446 17I T66 24 HC$ 2.00 MF$ 0.50
AD-641 448 15C T66 24 HC$ 7.60 MF$ 0.75
AD-641 450 5E T66 24
AD-641 452 17I T66 24 HC$ 2.00 MF$ 0.50
AD-641 455 15C T66 24 HC$ 3.00 MF$ 0.75
CONTRACT N6ONR-279(01)
AD-641 319 6E T66 24 HC$ 5.00 MF$ 1.00
CONTRACT N600(19)63320
AD-641 610 1C T66 24 HC$ 5.00 MF$ 1.00
CONTRACT N61339-294
AD-641 320 5I T66 24 HC$ 2.00 MF$ 0.50
AD-641 321 5I T66 24 HC$ 2.00 MF$ 0.50
CONTRACT N61339-484
AD-227 192 9E U41 24 HC$ 14.60
CONTRACT N62558-4355
AD-641 460 12A T66 24 HC$ 1.00 MF$ 0.50
CONTRACT N7ONR-316(01)
AD-641 580 5I T66 24 HC$ 3.60 MF$ 0.50
AD-641 581 5I T66 24 HC$ 6.60 MF$ 0.75
AD-641 582 5I T66 24 HC$ 6.60 MF$ 0.75
AD-641 583 5I T66 24 HC$ 3.60 MF$ 0.50
AD-641 584 5I T66 24 HC$ 2.00 MF$ 0.50
AD-641 585 5I T66 24 HC$ 2.00 MF$ 0.50
AD-641 586 5I T66 24 HC$ 1.00 MF$ 0.50
AD-641 587 5I T66 24 HC$ 3.60 MF$ 0.50
CONTRACT N7ONR-383(01)
AD-641 588 5I T66 24 HC$ 2.00 MF$ 0.50
AD-641 589 5I T66 24 HC$ 12.60 MF$ 0.75
AD-641 590 5I T66 24 HC$ 2.00 MF$ 0.50
AD-641 591 5I T66 24 HC$ 2.00 MF$ 0.50
AD-641 592 5I T66 24 HC$ 1.00 MF$ 0.50
AD-641 593 5I T66 24 HC$ 2.00 MF$ 0.50
AD-641 594 5I T66 24 HC$ 3.60 MF$ 0.50
AD-641 595 5I T66 24 HC$ 2.00 MF$ 0.50
AD-641 596 5I T66 24 HC$ 5.60 MF$ 0.50
AD-641 597 5I T66 24 HC$ 2.60 MF$ 0.50
AD-641 598 5I T66 24 HC$ 7.60 MF$ 0.75
AD-641 599 5I T66 24 HC$ 14.90 MF$ 1.00
CONTRACT N7ONR-383(02)
AD-641 600 5I T66 24 HC$ 3.00 MF$ 0.75
AD-641 601 5I T66 24 HC$ 2.00 MF$ 0.50
CONTRACT N7ONR-383(04)
AD-641 912 5I T66 24 HC$ 2.00 MF$ 0.50
CONTRACT N7ONR-383(05)
AD-641 824 5I T66 24 HC$ 3.00 MF$ 0.75
CONTRACT N7ONR-383(06)
AD-641 850 5I T66 24 HC$ 10.60 MF$ 0.75

AD-641 879	5I	T66	24	HC$ 7.60	MF$ 0.75	
CONTRACT OCD-PS-64-17						
AD-641 989	5J	T66	24	HC$ 3.00	MF$ 0.75	
CONTRACT OCD-PS-64-201						
AD-641 701	13H	T66	24		MF$ 0.75	
CONTRACT OCD-PS-65-9						
AD-641 645	15C	T66	24	HC$ 7.00	MF$ 1.75	
AD-641 646	15C	T66	24	HC$ 2.00	MF$ 0.50	
CONTRACT PH-43-66-90						
PB-173 483	6E	U41	24	HC$ 3.00	MF$ 0.75	
CONTRACT SD-103						
AD-405 338	12A	U41	24	HC$ 4.60		
CONTRACT SD-131						
AD-641 305	9A	T66	24	HC$ 2.00	MF$ 0.50	
CONTRACT SD-300						
AD-641 855	5C	T66	24	HC$ 2.00	MF$ 0.50	
CONTRACT SD-50						
AD-469 240	14A	U41	24	HC$ 2.00	MF$ 0.50	
AD-641 429	20I	T66	24	HC$ 4.00	MF$ 0.75	
AD-641 430	17I	T66	24	HC$ 3.00	MF$ 0.75	
CONTRACT SD-86						
AD-641 405	5A	T66	24	HC$ 5.00	MF$ 1.00	
CONTRACT SD-87						
AD-442 497	20H	U41	24	HC$ 9.60		
CONTRACT SD50						
AD-457 943	22B	U41	24	HC$ 3.00		
AD-465 789	22B	U41	24	HC$ 6.00	MF$ 1.50	
CONTRACT 030-00-00-CF-72						
N66-38409	20H	S04	23	HC$ 1.00	MF$ 0.50	
CONTRACT 104-31-02-01-22						
N66-33454	21I	S04	19	HC$ 2.00	MF$ 0.50	
CONTRACT 120-27-04-02-22						
N66-38418	10B	S04	23	HC$ 2.00	MF$ 0.50	
CONTRACT 120-27-04-18-22						
N66-33969	20M	S04	19	HC$ 1.00	MF$ 0.50	
N66-38750	11F	S04	23	HC$ 1.00	MF$ 0.50	
CONTRACT 120-27-04-27-22						
N66-38748	20D	S04	23	HC$ 2.50	MF$ 0.75	
CONTRACT 120-27-06-04-22						
N66-37680	18K	S04	23	HC$ 2.00	MF$ 0.50	
CONTRACT 122-28-03-02-22						
N66-33021	18L	S04	19	HC$ 1.00	MF$ 0.50	
CONTRACT 122-29-03-09-22						
N66-37679	13G	S04	23	HC$ 2.00	MF$ 0.50	
CONTRACT 123-33-02-09-22						
N66-37684	20I	S04	23	HC$ 1.00	MF$ 0.50	
CONTRACT 123-34-02-01-22						
N66-33487	7D	S04	19	HC$ 1.00	MF$ 0.50	
CONTRACT 124-08-03-10-23						
N66-38139	11I	S04	23	HC$ 2.50	MF$ 0.75	
CONTRACT 124-09-01-16-23						
N66-37676	9A	S04	23	HC$ 2.00	MF$ 0.50	
CONTRACT 125-17-02-09-00						
N66-38142	20F	S04	23	HC$ 2.00	MF$ 0.50	
CONTRACT 125-17-05-02						
N66-37682	22C	S04	23	HC$ 2.00	MF$ 0.50	
CONTRACT 125-19-01-02-24						
N66-38800	5H	S04	23	HC$ 2.00	MF$ 0.50	
CONTRACT 126-13-02-12						
N66-38749	1A	S04	23	HC$ 1.00	MF$ 0.50	
CONTRACT 126-13-03-22-23						
N66-38138	1B	S04	23	HC$ 1.00	MF$ 0.50	
N66-38407	1A	S04	23	HC$ 1.00	MF$ 0.50	
CONTRACT 128-31-06-77-22						
N66-38144	20H	S04	23	HC$ 1.00	MF$ 0.50	
CONTRACT 129-01-09-04-22						
N66-38143	20M	S04	23	HC$ 1.00	MF$ 0.50	
CONTRACT 129-01-09-07-22						
N66-38801	20M	S04	23	HC$ 2.50	MF$ 0.75	
CONTRACT 129-02-04-06-22						
N66-33022	20D	S04	19	HC$ 2.00	MF$ 0.50	
CONTRACT 129-03-01-05-22						
N66-37678	13H	S04	23	HC$ 2.00	MF$ 0.50	
N66-37681	14B	S04	23	HC$ 1.00	MF$ 0.50	
CONTRACT 129-03-03-03-22						
N66-33455	9C	S04	19	HC$ 1.00	MF$ 0.50	
CONTRACT 33(038)-6413						
AD-238 041	17G	U41	24	HC$ 4.60		
CONTRACT 491-21-00-00-76						
N66-37675	9C	S04	23	HC$ 1.00	MF$ 0.50	
CONTRACT 701-04-00-00-22						
N66-37683	18N	S04	23	HC$ 1.00	MF$ 0.50	
CONTRACT 831-12-03-01-51						
N66-38419	9D	S04	23	HC$ 1.00	MF$ 0.50	
CONTRACT 879-10-03-01-51						
N66-38416	9C	S04	23	HC$ 1.00	MF$ 0.50	
GRANT AFOSR-594-64						
AD-641 764	20H	T66	24			
GRANT AF-AFOSR-105-63						
AD-641 494	11G	T66	24			
GRANT AF-AFOSR-113-63						
AD-641 491	12A	T66	24			
GRANT AF-AFOSR-1151-66						
AD-641 434	20D	T66	24	HC$ 5.00	MF$ 1.00	
GRANT AF-AFOSR-1158-66						
AD-641 395	12A	T66	24	HC$ 1.00	MF$ 0.50	
AD-641 935	12B	T66	24	HC$ 2.00	MF$ 0.50	
GRANT AF-AFOSR-124-65						
AD-641 797	7C	T66	24	HC$ 1.00	MF$ 0.50	
GRANT AF-AFOSR-139-63						
AD-641 493	12B	T66	24			
GRANT AF-AFOSR-139-64						
AD-641 709	9C	T66	24			
AD-641 711	9E	T66	24			
AD-641 713	9E	T66	24			
GRANT AF-AFOSR-150-64						
AD-641 703	5J	T66	24			
GRANT AF-AFOSR-175-63						
AD-641 522	20L	T66	24			
AD-641 523	20L	T66	24			
GRANT AF-AFOSR-177-63						
AD-641 489	9E	T66	24			
GRANT AF-AFOSR-182-63						
AD-641 445	12A	T66	24			
GRANT AF-AFOSR-185-63						
AD-641 457	12A	T66	24			
GRANT AF-AFOSR-191-63						
AD-641 486	7D	T66	24			
GRANT AF-AFOSR-199-63						
AD-641 462	7C	T66	24			
GRANT AF-AFOSR-20-63						
AD-641 441	20D	T66	24			
GRANT AF-AFOSR-211-63						
AD-641 453	12A	T66	24			
GRANT AF-AFOSR-218-63						
AD-641 467	20M	T66	24			
GRANT AF-AFOSR-228-63						
AD-641 383	20B	T66	24			
AD-641 384	20B	T66	24			
GRANT AF-AFOSR-229-63						
AD-641 437	5J	T66	24			
GRANT AF-AFOSR-230-64						
AD-641 686	9D	T66	24			
GRANT AF-AFOSR-232-63						
AD-641 451	20J	T66	24			
GRANT AF-AFOSR-232-64						
AD-641 691	20H	T66	24			
GRANT AF-AFOSR-243-63						
AD-641 470	5J	T66	24			
GRANT AF-AFOSR-246-63						
AD-641 373	6P	T66	24			
AD-641 374	6P	T66	24			
AD-641 375	6E	T66	24			
AD-641 376	6E	T66	24			
AD-641 377	6E	T66	24			
AD-641 378	6E	T66	24			
AD-641 379	6D	T66	24			
AD-641 380	6E	T66	24			
AD-641 381	6D	T66	24			
GRANT AF-AFOSR-256-63						
AD-641 382	5J	T66	24			
GRANT AF-AFOSR-260-63						
AD-641 678	20J	T66	24			
GRANT AF-AFOSR-287-63						
AD-641 715	20D	T66	24			
GRANT AF-AFOSR-287-64						
AD-641 714	14B	T66	24			
GRANT AF-AFOSR-290-63						
AD-641 483	20B	T66	24			
GRANT AF-AFOSR-292-64						
AD-641 685	12B	T66	24			
AD-641 689	12B	T66	24			
GRANT AF-AFOSR-305-63						
AD-641 490	20M	T66	24			
GRANT AF-AFOSR-317-63						
AD-641 472	6P	T66	24			
AD-641 474	6P	T66	24			
AD-641 475	6P	T66	24			
GRANT AF-AFOSR-328-63						
AD-641 492	20C	T66	24			
GRANT AF-AFOSR-331-63						
AD-641 458	4A	T66	24			
AD-641 459	4A	T66	24			
GRANT AF-AFOSR-334-63						
AD-641 487	6C	T66	24			
AD-641 488	6C	T66	24			
GRANT AF-AFOSR-335-63						
AD-641 464	12A	T66	24			
AD-641 465	12A	T66	24			
AD-641 466	12A	T66	24			
GRANT AF-AFOSR-337-63						
AD-641 468	9E	T66	24			
AD-641 469	9E	T66	24			
AD-641 471	9E	T66	24			
AD-641 473	9E	T66	24			
GRANT AF-AFOSR-357-63						
AD-641 510	12A	T66	24			
AD-641 514	12A	T66	24			
GRANT AF-AFOSR-371-63						
AD-641 512	12A	T66	24			
GRANT AF-AFOSR-372-63						
AD-641 520	12A	T66	24			
AD-641 521	12A	T66	24			
GRANT AF-AFOSR-379-63						
AD-641 528	12A	T66	24			
AD-641 529	12A	T66	24			
GRANT AF-AFOSR-391-63						
AD-641 527	6D	T66	24			
GRANT AF-AFOSR-393-63						
AD-641 526	12A	T66	24			
GRANT AF-AFOSR-395-63						
AD-641 524	6P	T66	24			
AD-641 525	6P	T66	24			
GRANT AF-AFOSR-400-63						
AD-641 530	12A	T66	24			
AD-641 531	12A	T66	24			
AD-641 532	12A	T66	24			
GRANT AF-AFOSR-400-64						
AD-641 721	12A	T66	24			
AD-641 722	20J	T66	24			
AD-641 723	12A	T66	24			
AD-641 724	12A	T66	24			
GRANT AF-AFOSR-401-63						
AD-641 533	20H	T66	24			
AD-641 536	20H	T66	24			
GRANT AF-AFOSR-407-63						
AD-641 537	12A	T66	24			
GRANT AF-AFOSR-420-63						
AD-641 538	20L	T66	24			
AD-641 539	20B	T66	24			
GRANT AF-AFOSR-425-63						
AD-641 547	20L	T66	24			

GRANT AF-AFOSR-430-63
AD-641 549 20L T66 24
AD-641 550 20L T66 24
AD-641 551 20L T66 24
GRANT AF-AFOSR-432-63
AD-641 554 12A T66 24
GRANT AF-AFOSR-435-63
AD-641 555 20K T66 24
AD-641 556 12A T66 24
AD-641 557 20K T66 24
GRANT AF-AFOSR-436-63
AD-641 558 5J T66 24
GRANT AF-AFOSR-437-63
AD-641 690 12A T66 24
GRANT AF-AFOSR-438-63
AD-641 688 12A T66 24
AD-641 702 12A T66 24
GRANT AF-AFOSR-439-63
AD-641 687 3B T66 24
GRANT AF-AFOSR-440-63
AD-641 684 20H T66 24
GRANT AF-AFOSR-445-63
AD-641 683 20C T66 24
GRANT AF-AFOSR-454-63
AD-641 680 20J T66 24
AD-641 681 20D T66 24
AD-641 682 20J T66 24
GRANT AF-AFOSR-454-64
AD-641 730 20D T66 24
GRANT AF-AFOSR-457-63
AD-641 704 12A T66 24
AD-641 727 12A T66 24
GRANT AF-AFOSR-459-63
AD-641 679 12A T66 24
GRANT AF-AFOSR-467-64
AD-641 741 12A T66 24
GRANT AF-AFOSR-470-64
AD-641 731 7C T66 24
GRANT AF-AFOSR-492-64
AD-641 732 8C T66 24
GRANT AF-AFOSR-496-64
AD-641 726 20I T66 24
AD-641 729 20F T66 24
AD-641 733 20N T66 24
AD-641 734 20N T66 24
GRANT AF-AFOSR-500-64
AD-641 615 20J T66 24
AD-641 617 20J T66 24
AD-641 618 20J T66 24
AD-641 619 20J T66 24
AD-641 622 20J T66 24
AD-641 625 20J T66 24
AD-641 626 20H T66 24
AD-641 627 20J T66 24
GRANT AF-AFOSR-508-64
AD-641 632 20H T66 24
GRANT AF-AFOSR-509-64
AD-641 630 20J T66 24
GRANT AF-AFOSR-520-64
AD-641 629 12A T66 24
GRANT AF-AFOSR-523-64
AD-641 631 20C T66 24
AD-641 634 20L T66 24
AD-641 635 20C T66 24
AD-641 636 20L T66 24
AD-641 637 20C T66 24
GRANT AF-AFOSR-526-64
AD-641 623 5J T66 24
GRANT AF-AFOSR-527-64
AD-641 628 12A T66 24
GRANT AF-AFOSR-536-64
AD-641 621 20L T66 24
GRANT AF-AFOSR-542-64
AD-641 620 12B T66 24
GRANT AF-AFOSR-550-64
AD-641 728 8C T66 24
AD-641 735 8C T66 24
GRANT AF-AFOSR-553-64
AD-641 736 12A T66 24
AD-641 737 12A T66 24
AD-641 738 12A T66 24
AD-641 739 20L T66 24
GRANT AF-AFOSR-565-64
AD-641 759 20C T66 24
AD-641 760 20B T66 24
AD-641 761 20C T66 24
GRANT AF-AFOSR-566-64
AD-641 767 20H T66 24
AD-641 768 20H T66 24
GRANT AF-AFOSR-584-64
AD-641 766 7D T66 24
GRANT AF-AFOSR-585-64
AD-641 772 20L T66 24
GRANT AF-AFOSR-594-64
AD-641 763 20L T66 24
AD-641 765 18H T66 24
GRANT AF-AFOSR-599-64
AD-641 770 20L T66 24
AD-641 771 20L T66 24
GRANT AF-AFOSR-601-64
AD-641 792 12B T66 24
GRANT AF-AFOSR-604-64
AD-641 791 7D T66 24
GRANT AF-AFOSR-605-64
AD-641 784 7D T66 24
GRANT AF-AFOSR-609-64
AD-641 790 20C T66 24
GRANT AF-AFOSR-61-63
AD-641 449 20H T66 24
AD-641 454 7D T66 24
GRANT AF-AFOSR-610-64
AD-641 773 20C T66 24
AD-641 774 20C T66 24
AD-641 775 20C T66 24
AD-641 776 20C T66 24
AD-641 777 20C T66 24
AD-641 778 20C T66 24
AD-641 779 12A T66 24
AD-641 781 20C T66 24
AD-641 782 20C T66 24
AD-641 783 20C T66 24
GRANT AF-AFOSR-611-64
AD-641 811 7E T66 24
GRANT AF-AFOSR-62-18
AD-641 303 7C T66 24 HC$ 1.00 MF$ 0.50
AD-641 740 7C T66 24
GRANT AF-AFOSR-62-360
AD-478 023 21M U41 24 HC$ 3.00 MF$ 0.75
GRANT AF-AFOSR-62-63
AD-641 444 3B T66 24
GRANT AF-AFOSR-631-64
AD-641 789 20C T66 24
AD-641 793 20C T66 24
AD-641 796 20C T66 24
AD-641 798 20B T66 24
AD-641 799 20C T66 24
AD-641 801 20C T66 24
AD-641 802 20C T66 24
AD-641 803 20C T66 24
AD-641 812 20C T66 24
GRANT AF-AFOSR-633-64
AD-641 780 11F T66 24
AD-641 785 11F T66 24
AD-641 786 11F T66 24
GRANT AF-AFOSR-634-64
AD-641 787 20B T66 24
AD-641 788 20B T66 24
GRANT AF-AFOSR-639-64
AD-641 808 9B T66 24
AD-641 809 9B T66 24
AD-641 810 9B T66 24
GRANT AF-AFOSR-640-64
AD-641 887 20L T66 24
AD-641 889 20L T66 24
GRANT AF-AFOSR-641-64
AD-641 886 20D T66 24
GRANT AF-AFOSR-656-64
AD-641 885 6P T66 24
GRANT AF-AFOSR-661-64
AD-641 883 12A T66 24
AD-641 884 12A T66 24
GRANT AF-AFOSR-667-64
AD-641 871 6P T66 24
GRANT AF-AFOSR-678-64
AD-641 881 12A T66 24
GRANT AF-AFOSR-683-64
AD-641 882 6E T66 24
GRANT AF-AFOSR-684-64
AD-641 870 12A T66 24
GRANT AF-AFOSR-693-64
AD-641 862 12A T66 24
AD-641 864 12A T66 24
AD-641 868 9E T66 24
AD-641 869 12B T66 24
GRANT AF-AFOSR-695-64
AD-641 861 20L T66 24
GRANT AF-AFOSR-696-64
AD-641 860 12A T66 24
GRANT AF-AFOSR-710-64
AD-641 859 8K T66 24
GRANT AF-AFOSR-803-65
AD-641 535 20K T66 24
GRANT AF-AFOSR-815-65
AD-641 540 20D T66 24
GRANT AF-AFOSR-82-64
AD-641 707 12A T66 24
GRANT AF-AFOSR-828-65
AD-468 762 20D U41 24 HC$ 3.60 MF$ 0.50
GRANT AF-AFOSR-83-63
AD-641 443 3A T66 24
AD-641 447 3A T66 24
GRANT AF-AFOSR-843-65
AD-641 552 20J T66 24
AD-641 553 20J T66 24
GRANT AF-AFOSR-851-65
AD-641 534 12A T66 24
GRANT AF-AFOSR-854-65
AD-641 542 20H T66 24
GRANT AF-AFOSR-858-65
AD-641 543 3B T66 24
GRANT AF-AFOSR-859-65
AD-641 544 7D T66 24
GRANT AF-AFOSR-876-65
AD-641 546 20B T66 24
GRANT AF-AFOSR-885-65
AD-641 545 12A T66 24
GRANT AF-EOAR-41-66
AD-641 756 21B T66 24 HC$ 1.00 MF$ 0.50
GRANT AF-EOAR-58-63
AD-641 971 20K T66 24 HC$ 5.00 MF$ 1.00
GRANT AF-EOAR-8-64
AD-641 993 6M T66 24 HC$ 2.00 MF$ 0.50
GRANT AF-EOAR-95-65
AD-641 991 20H T66 24 HC$ 3.00 MF$ 0.75
GRANT DA-ARO-49-092-65-G78
AD-641 746 18H T66 24 HC$ 2.00 MF$ 0.50
GRANT DA-ARO-49-092-66-G121
AD-641 463 20H T66 24 HC$ 2.00 MF$ 0.50
GRANT DA-ARO(D)-31-124-G473
AD-641 609 7C T66 24 HC$ 1.00 MF$ 0.50
GRANT DA-ARO(D)-31-124-G588
AD-641 605 7B T66 24 HC$ 1.00 MF$ 0.50

GRANT NONR(G)-00025-65
AD-641 987 6E T66 24 HC$ 1.00 MF$ 0.50
GRANT NONR(G)-4336(00)
AD-641 400 20L T66 24 HC$ 1.00 MF$ 0.50
GRANT NSF-G3-1105
AD-641 835 6E T66 24
AD-641 836 6E T66 24
GRANT NSF-G3-922
AD-641 515 8P T66 24
GRANT NSF-GK-237
PB-173 482 9E U41 24 HC$ 1.00 MF$ 0.50
GRANT NSF-GP-5459
PB-173 442 12A U41 24 HC$ 1.00 MF$ 0.50
GRANT NSF-GP-876
AD-641 577 4A T66 24 HC$ 6.00 MF$ 1.25
GRANT NSF-G-22529
PB-173 464 20D U41 24 HC$ 3.00 MF$ 0.50
GRANT NSG 243-62
N66-33414 3B S04 19 HC$ 1.00 MF$ 0.50
GRANT NSG-100
N66-33410 11F S04 19 HC$ 1.00 MF$ 0.50
GRANT NSG-100-60
N66-33185 11B S04 19 HC$ 1.00 MF$ 0.50
GRANT NSG-101-61
N66-37812 3B S04 23 HC$ 1.00 MF$ 0.50
GRANT NSG-127-61
N66-33168 7D S04 19 HC$ 3.00 MF$ 0.75
GRANT NSG-133-61
N66-32786 20M S04 19 HC$ 2.50 MF$ 0.75
GRANT NSG-161
N66-38712 3B S04 23 HC$ 4.00 MF$ 1.25
GRANT NSG-18-59
N66-33465 20K S04 19 HC$ 2.00 MF$ 0.50
GRANT NSG-185-61
N66-32964 20M S04 19 HC$ 1.00 MF$ 0.50
GRANT NSG-193
N66-38722 4A S04 23 HC$ 2.00 MF$ 0.50
GRANT NSG-226-62
N66-33374 6A S04 19 HC$ 1.00 MF$ 0.50
GRANT NSG-228-62
N66-33386 20L S04 19 HC$ 1.00 MF$ 0.50
N66-34068 20L S04 19 HC$ 1.00 MF$ 0.50
GRANT NSG-233-62
N66-34076 20I S04 19 HC$ 2.00 MF$ 0.50
GRANT NSG-240-62
N66-38361 14B S04 23 HC$ 2.00 MF$ 0.50
GRANT NSG-242-62
N66-32804 20M S04 19 HC$ 2.50 MF$ 0.75
GRANT NSG-243-62
N66-34069 5K S04 19 HC$ 1.00 MF$ 0.50
GRANT NSG-270-63
N66-38719 20K S04 23 HC$ 2.00 MF$ 0.50
GRANT NSG-275
N66-37904 7D S04 23 HC$ 1.00 MF$ 0.50
GRANT NSG-275-62
AD-641 847 7D T66 24
N66-33174 20J S04 19 HC$ 1.00 MF$ 0.50
N66-33380 20J S04 19 HC$ 2.00 MF$ 0.50
N66-33420 20J S04 19 HC$ 1.00 MF$ 0.50
GRANT NSG-287
N66-33385 20J S04 19 HC$ 1.00 MF$ 0.50
GRANT NSG-298
N66-33416 5B S04 19 HC$ 1.00 MF$ 0.50
GRANT NSG-330
N66-33863 20E S04 19 HC$ 1.00 MF$ 0.50
GRANT NSG-342
N66-38721 5I S04 23 HC$ 3.00 MF$ 0.75
GRANT NSG-351
N66-32704 9C S04 19 HC$ 1.00 MF$ 0.50
GRANT NSG-357
N66-38730 20H S04 23 HC$ 1.00 MF$ 0.50
GRANT NSG-375
N66-33173 6A S04 19 HC$ 2.00 MF$ 0.50
N66-33382 6A S04 19 HC$ 3.00 MF$ 0.75
GRANT NSG-376
N66-34048 13H S04 19 HC$ 1.00 MF$ 0.50
GRANT NSG-414
N66-33367 7D S04 19 HC$ 2.00 MF$ 0.50
GRANT NSG-415
N66-38710 20I S04 23 HC$ 2.00 MF$ 0.50
GRANT NSG-426
N66-33413 20H S04 19 HC$ 1.00 MF$ 0.50
GRANT NSG-427
N66-38752 20K S04 23 HC$ 1.00 MF$ 0.50
GRANT NSG-432
N66-33396 9F S04 19 HC$ 2.00 MF$ 0.50
GRANT NSG-443
N66-34067 20J S04 19 HC$ 2.00 MF$ 0.50
GRANT NSG-444
N66-33383 20N S04 19 HC$ 1.00 MF$ 0.50
GRANT NSG-448
N66-34043 20I S04 19 HC$ 3.00 MF$ 0.75
N66-38711 9F S04 23 HC$ 1.00 MF$ 0.50
GRANT NSG-454
N66-34070 22B S04 19 HC$ 2.00 MF$ 0.50
GRANT NSG-472
N66-33366 9F S04 19 HC$ 2.00 MF$ 0.50
GRANT NSG-479
N66-33376 8A S04 19 HC$ 1.00 MF$ 0.50
GRANT NSG-48
N66-34074 20I S04 19 HC$ 1.00 MF$ 0.50
GRANT NSG-483-1
N66-32805 11F S04 19 HC$ 2.00 MF$ 0.50
GRANT NSG-496
N66-33422 5F S04 19 HC$ 1.00 MF$ 0.50
N66-33441 9B S04 19 HC$ 5.00 MF$ 1.25
N66-33445 5J S04 19 HC$ 1.00 MF$ 0.50
N66-37901 9C S04 23 HC$ 2.00 MF$ 0.50
GRANT NSG-499
N66-33437 1B S04 19 HC$ 1.00 MF$ 0.50
GRANT NSG-5-59
N66-33184 20M S04 19 HC$ 3.00 MF$ 0.75
N66-33384 20M S04 19 HC$ 2.00 MF$ 0.50
N66-33415 20M S04 19 HC$ 1.00 MF$ 0.50
GRANT NSG-502
N66-33387 6B S04 19 HC$ 2.00 MF$ 0.50
GRANT NSG-528
N66-33417 6C S04 19 HC$ 1.00 MF$ 0.50
GRANT NSG-544
N66-34073 20M S04 19 HC$ 1.00 MF$ 0.50
GRANT NSG-552
N66-33372 20E S04 19 HC$ 1.00 MF$ 0.50
N66-33411 20E S04 19 HC$ 2.00 MF$ 0.50
GRANT NSG-559
N66-38362 20K S04 23 HC$ 2.00 MF$ 0.50
GRANT NSG-567
N66-32726 20M S04 19 HC$ 5.65 MF$ 2.50
N66-32766 20M S04 19 HC$ 4.25 MF$ 2.00
GRANT NSG-568
N66-33402 12A S04 19 HC$ 2.00 MF$ 0.50
N66-34075 12A S04 19 HC$ 2.00 MF$ 0.50
GRANT NSG-571
N66-33381 20K S04 19 HC$ 2.00 MF$ 0.50
GRANT NSG-576
N66-38422 20M S04 23 HC$ 1.00 MF$ 0.50
GRANT NSG-580
N66-38425 1B S04 23 HC$ 2.50 MF$ 0.50
GRANT NSG-587
N66-32803 13K S04 19 HC$ 2.50 MF$ 0.75
GRANT NSG-6
N66-33392 7D S04 19 HC$ 1.00 MF$ 0.50
N66-33393 9C S04 19 HC$ 3.00 MF$ 0.50
N66-33403 10A S04 19 HC$ 1.00 MF$ 0.50
N66-33404 11F S04 19 HC$ 1.00 MF$ 0.50
GRANT NSG-6-59
N66-33405 11F S04 19 HC$ 2.00 MF$ 0.50
GRANT NSG-608
N66-33409 20N S04 19 HC$ 2.00 MF$ 0.50
GRANT NSG-624
N66-37998 4A S04 23 HC$ 4.00 MF$ 0.75
GRANT NSG-630
N66-33460 20K S04 19 HC$ 3.00 MF$ 0.75
GRANT NSG-634
N66-33025 20K S04 19 HC$ 2.00 MF$ 0.50
GRANT NSG-64-60
N66-33394 3A S04 19 HC$ 3.00 MF$ 0.75
GRANT NSG-689
N66-37894 6A S04 23 HC$ 1.00 MF$ 0.50
GRANT NSG-711
N66-32762 20M S04 19 HC$ 2.00 MF$ 0.50
GRANT NSG-727
N66-33395 22A S04 19 HC$ 1.00 MF$ 0.50
GRANT NSG-81-60
N66-37825 8A S04 23 HC$ 5.00 MF$ 0.75
GRANT PHS-GM-12159
AD-641 831 6A T66 24
GRANT PHS-HD-01288
PB-173 453 20D U41 24 HC$ 3.00 MF$ 0.75
GRANT PHS-M-5254
PB-173 514 9G U41 24 HC$ 1.60 MF$ 0.50
GRANT PHS-PH-43-63-525
PB-173 466 6D U41 24 HC$ 3.00 MF$ 0.75
PB-173 467 6D U41 24 HC$ 2.00 MF$ 0.50
GRANT PHS-PH-43-65-51

ACCESSION/REPORT NUMBER INDEX

AAL-TR-63-22
AD-641 794 6E T66 24 HC$ 5.00 MF$ 1.00
AAR-5
AD-469 762 20D U41 24 HC$ 3.60 MF$ 0.50
AAVLABS-TR-65-31
AD-471 437 13I U41 24 HC$ 4.60 MF$ 0.50
ACIC-TC-1043
AD-641 753 8E T66 24 HC$ 4.00 MF$ 1.00
ACIC-TC-1109
AD-641 754 8G T66 24 HC$ 1.00 MF$ 0.50
ACIC-TC-1115
AD-641 755 3C T66 24 HC$ 1.00 MF$ 0.50
ACIC-TC-1129
AD-641 756 8F T66 24 HC$ 1.00 MF$ 0.50
ACIC-TC-1133
AD-641 757 8E T66 24 HC$ 1.00 MF$ 0.50
ACR-92
AD-447 732 20D U41 24
ADS-80
AD-641 678 13L T66 24 HC$ 2.00 MF$ 0.50
AD-101 000 17G U41 24 HC$ 2.60
AD-101 072 17I U41 24 HC$ 2.60
AD-101 287 17I U41 24 HC$ 8.60
AD-101 882 17I U41 24 HC$ 4.00
AD-102 896 1B U41 24 HC$ 1.60
AD-102 897 17G U41 24 HC$ 1.60
AD-109 235 5E U41 24 HC$ 1.10
AD-109 236 5E U41 24 HC$ 1.10
AD-109 237 5E U41 24 HC$ 1.10
AD-109 238 5E U41 24 HC$ 1.60
AD-111 685 14B U41 24 HC$ 2.60
AD-116 555 9D U41 24 HC$ 5.60
AD-134 400 20I U41 24 HC$ 4.60
AD-148 914,
PB-173 175 9E U41 24 HC$ 5.60 MF$ 0.50
AD-156 422 7C U41 24 HC$ 1.60
AD-205 742 13J U41 24 HC$ 1.60
AD-212 660 6R U41 24 HC$ 3.60
AD-224 277 9C U41 24 HC$ 1.10
AD-224 572 15G U41 24 HC$ 1.10
AD-227 192 9E U41 24 HC$ 14.60
AD-227 738 15G U41 24 HC$ 9.60
AD-230 472
PB-173 174 5E U41 24 HC$ 1.60 MF$ 0.50
AD-232 645 19A U41 24 HC$ 9.60
AD-236 207 18C U41 24 HC$ 5.60
AD-236 885 6D U41 24 HC$ 8.60
AD-238 041 17G U41 24 HC$ 4.60
AD-241 637 1C U41 24 HC$ 4.60
AD-248 052 20I U41 24 HC$ 1.60
AD-251 107 9E U41 24 HC$ 1.60
AD-252 910 9B U41 24 HC$ 3.60
AD-255 169 19H U41 24 HC$ 14.80
AD-260 695 2C U41 24 HC$ 17.10
AD-263 170 19D U41 24 HC$ 11.60
AD-274 969 20L U41 24 HC$ 4.60
AD-275 107 1A U41 24 HC$ 7.60
AD-286 898 10B U41 24 HC$ 10.60
AD-294 466 20I U41 24 HC$ 4.60
AD-296 016 20F U41 24 HC$ 9.60
AD-338 257 11G U41 24 HC$ 2.60
AD-405 338 12A U41 24 HC$ 4.60
AD-406 277 13J U41 24 HC$ 8.60
AD-407 471 21E U41 24 HC$ 10.60
AD-408 653 13F U41 24 HC$ 4.00
AD-413 927 19A U41 24 HC$ 4.60
AD-422 110 5I U41 24 HC$ 2.60
AD-422-112 9B U41 24 HC$ 1.10
AD-43 734 18B U41 24 HC$ 1.60
AD-433 152 18J U41 24 HC$ 1.60
AD-44 181 9E U41 24 HC$ 3.60
AD-442 497 20H U41 24 HC$ 9.60
AD-443 216 22C U41 24 HC$ 3.60
AD-443 844 6D U41 24 HC$ 10.60
AD-445 710 19G U41 24 HC$ 2.00
AD-445 787 7D U41 24 HC$ 3.60
AD-445 865 10A U41 24 HC$ 5.60
AD-446 610 9B U41 24 HC$ 2.00
AD-447 613-SUPERSEDED
AD-478 089 14E U41 24 HC$ 1.00 MF$ 0.50
AD-447 732 20D U41 24
AD-448 045 20K U41 24 HC$ 3.00
AD-449 419 1D U41 24 HC$ 23.50
AD-449 505 7C U41 24 HC$ 3.00
AD-449 913 7C U41 24 HC$ 1.60
AD-449 913 7D U41 24 HC$ 1.60
AD-450 169 14C U41 24 HC$ 3.60
AD-450 669 20K U41 24 HC$ 6.00
AD-451 179 19F U41 24 HC$ 5.60
AD-451 684 11I U41 24 HC$ 5.00
AD-452 106 19G U41 24 HC$ 2.60
AD-452 983 20L U41 24 HC$ 25.10
AD-453 658 15G U41 24 HC$ 2.00
AD-453 901 13H U41 24 HC$ 3.00 MF$ 0.50
AD-454 575 17A U41 24 HC$ 2.00
AD-454 676 21D U41 24 HC$ 12.60
AD-454 992 20M U41 24 HC$ 16.40
AD-455 096 11G U41 24 HC$ 1.00
AD-455 274 17G U41 24 HC$ 1.00
AD-455 328 11G U41 24 HC$ 10.60
AD-455 745 9B U41 24 HC$ 3.00
AD-455 918 19G U41 24 HC$ 5.00
AD-456 363 5E U41 24 HC$ 7.60
AD-456 624 20I U41 24 HC$ 1.00
AD-456 787 9A U41 24 HC$ 1.00
AD-456 849 10C U41 24 HC$ 9.60
AD-457 119 20E U41 24 HC$ 7.60
AD-457 167 5I U41 24 HC$ 3.80
AD-457 861 20M U41 24 HC$ 3.00
AD-457 934 21E U41 24 HC$ 2.00
AD-457 945 22B U41 24 HC$ 3.80
AD-458 044 10C U41 24 HC$ 3.80
AD-458 414 11H U41 24 HC$ 2.00
AD-460 741 11A U41 24 HC$ 4.00
AD-460 878 20E U41 24 HC$ 2.00
AD-461 769 20I U41 24 HC$ 9.60
AD-462 122 4A U41 24 HC$ 5.60
AD-462 843 11F U41 24 HC$ 1.00
AD-463 062 17B U41 24 HC$ 2.60
AD-463 248 10C U41 24 HC$ 4.00
AD-463 787 15F U41 24 HC$ 3.00
AD-465 151 20C U41 24 HC$ 2.00 MF$ 0.50
AD-465 789 22B U41 24 HC$ 6.00 MF$ 1.50
AD-466 587 8N U41 24 HC$ 1.00 MF$ 0.50
AD-467 464 20H U41 24 HC$ 4.60 MF$ 0.50
AD-467 464 20H U41 24 HC$ 4.60 MF$ 0.50
AD-468 171 11F U41 24 HC$ 1.00 MF$ 0.50
AD-468 425 9F U41 24 HC$ 3.80 MF$ 0.50
AD-468 762 20D U41 24 HC$ 3.60 MF$ 0.50
AD-469 240 14A U41 24 HC$ 2.00 MF$ 0.50
AD-471 437 13I U41 24 HC$ 4.60 MF$ 0.50
AD-473 746 3B U41 24 HC$ 1.60 MF$ 0.50
AD-478 023 21H U41 24 HC$ 3.00 MF$ 0.75
AD-478 089 14E U41 24 HC$ 1.00 MF$ 0.50
AD-480 198 20K U41 24 HC$ 4.00 MF$ 0.75
AD-480 791 7D U41 24 HC$ 2.00 MF$ 0.50
AD-481 365 17B U41 24 HC$ 2.60 MF$ 0.50
AD-481 367 17B U41 24 HC$ 2.00 MF$ 0.50
AD-481 611 9E U41 24 HC$ 3.00 MF$ 0.75
AD-481 668 15B U41 24 HC$ 1.00 MF$ 0.50
AD-481 737 5I U41 24 HC$ 2.00 MF$ 0.50
AD-482 059 9E U41 24 HC$ 1.00 MF$ 0.50
AD-482 811 3B U41 24 HC$ 2.00 MF$ 0.50
AD-483 292 20D U41 24 HC$ 3.60 MF$ 0.50
AD-484 442 13M U41 24 HC$ 4.00 MF$ 0.75
AD-485 171 9E U41 24 HC$ 2.00 MF$ 0.50
AD-488 439 13A U41 24 HC$ 2.00 MF$ 0.50
AD-50 619 5E U41 24 HC$ 2.60
AD-50 739 5M U41 24 HC$ 1.10
AD-51 494 5E U41 24 HC$ 1.10
AD-608118
N66-33760 4B S04 19 HC$ 2.00 MF$ 0.50
AD-61 585 13M U41 24 HC$ 2.60
AD-632561
N66-38328 4A S04 23 HC$ 2.00 MF$ 0.50
AD-633982
N66-33257 6A S04 19 HC$ 2.00 MF$ 0.50
AD-634109
N66-33595 20K S04 19 HC$ 4.00 MF$ 0.75
AD-634910
N66-33523 4A S04 19 HC$ 3.00 MF$ 0.50
AD-634914
N66-33522 8K S04 19 HC$ 1.00 MF$ 0.50
AD-636333
N66-38368 6A S04 23 HC$ 1.00 MF$ 0.50
AD-636420
N66-38275 9A S04 23 HC$ 1.00 MF$ 0.50
AD-636430
N66-38296 8G S04 23 HC$ 3.00 MF$ 0.50
AD-636689
N66-38175 7E S04 23 HC$ 2.00 MF$ 0.50
AD-636692
N66-38228 6P S04 23 HC$ 2.00 MF$ 0.50
AD-641 302 20D T66 24 HC$ 1.00 MF$ 0.50
AD-641 303 7C T66 24 HC$ 1.00 MF$ 0.50
AD-641 304 10B T66 24 MF$ 0.75
AD-641 306 9A T66 24 HC$ 2.00 MF$ 0.50
AD-641 307 11H T66 24 HC$ 1.00 MF$ 0.50
AD-641 308 7D T66 24 HC$ 1.00 MF$ 0.50
AD-641 311 8M T66 24 HC$ 4.00 MF$ 0.75
AD-641 312 8K T66 24 HC$ 3.00 MF$ 0.75
AD-641 314 11C T66 24 HC$ 2.00 MF$ 0.50
AD-641 316 6E T66 24 HC$ 2.00 MF$ 0.50
AD-641 317 6E T66 24 HC$ 6.00 MF$ 1.25
AD-641 318 6E T66 24 HC$ 2.00 MF$ 0.50
AD-641 319 6E T66 24 HC$ 5.00 MF$ 1.00
AD-641 320 5I T66 24 HC$ 2.00 MF$ 0.50
AD-641 321 5I T66 24 HC$ 2.00 MF$ 0.50
AD-641 322 12A T66 24 HC$ 1.00 MF$ 0.50
AD-641 323 12A T66 24 HC$ 3.00 MF$ 0.75
AD-641 324 11B T66 24 HC$ 3.00 MF$ 0.50
AD-641 325 17B T66 24 HC$ 3.00 MF$ 0.75
AD-641 326 9B T66 24 HC$ 4.00 MF$ 0.75
AD-641 327 15D T66 24 HC$ 2.00 MF$ 0.50
AD-641 328 9A T66 24 HC$ 1.00 MF$ 0.50
AD-641 329 12A T66 24 HC$ 2.00 MF$ 0.50
AD-641 330 8C T66 24 HC$ 3.00 MF$ 0.75
AD-641 331 6R T66 24 HC$ 2.00 MF$ 0.50
AD-641 333 13J T66 24 HC$ 2.00 MF$ 0.50
AD-641 334 8J T66 24 HC$ 3.00 MF$ 0.50
AD-641 335 15E T66 24 HC$ 3.00 MF$ 0.75
AD-641 336 9A T66 24 HC$ 2.00 MF$ 0.50
AD-641 337 13J T66 24 HC$ 3.00 MF$ 0.50
AD-641 338 9A T66 24 HC$ 2.00 MF$ 0.50
AD-641 339 5A T66 24 HC$ 3.00 MF$ 0.75
AD-641 340 20D T66 24 HC$ 6.00 MF$ 1.25
AD-641 341 12A T66 24 HC$ 1.60 MF$ 0.50
AD-641 342 8E T66 24 HC$ 8.60 MF$ 0.75
AD-641 343 20D T66 24 HC$ 1.60 MF$ 0.50
AD-641 344 20N T66 24 HC$ 1.60 MF$ 0.50
AD-641 345 7B T66 24 HC$ 1.60 MF$ 0.50
AD-641 346 9B T66 24 HC$ 9.60 MF$ 0.75
AD-641 347 8E T66 24 HC$ 3.60 MF$ 0.50
AD-641 348 20F T66 24 HC$ 2.60 MF$ 0.50

AD--AD-

AD-641 349
AD-641 350
AD-641 351
AD-641 352
AD-641 353
AD-641 354
AD-641 355
AD-641 356
AD-641 357
AD-641 358
AD-641 359
AD-641 360
AD-641 361
AD-641 362
AD-641 363
AD-641 364
AD-641 365
AD-641 366
AD-641 367
AD-641 368
AD-641 369
AD-641 370
AD-641 371
AD-641 372
AD-641 373
AD-641 374
AD-641 375
AD-641 376
AD-641 377
AD-641 378
AD-641 379
AD-641 380
AD-641 381
AD-641 382
AD-641 383
AD-641 384
AD-641 385
AD-641 386
AD-641 387
AD-641 388
AD-641 389
AD-641 390
AD-641 391
AD-641 392
AD-641 393
AD-641 394
AD-641 395
AD-641 396
AD-641 397
AD-641 398
AD-641 399
AD-641 400
AD-641 401
AD-641 402
AD-641 403
AD-641 404
AD-641 405
AD-641 406
AD-641 407
AD-641 408
AD-641 409
AD-641 410
AD-641 411
AD-641 412
AD-641 413
AD-641 414
AD-641 415
AD-641 416
AD-641 417
AD-641 418
AD-641 419
AD-641 420
AD-641 421
AD-641 422
AD-641 423
AD-641 424
AD-641 425
AD-641 426
AD-641 427
AD-641 428
AD-641 429
AD-641 430
AD-641 431
AD-641 432
AD-641 433
AD-641 434
AD-641 435
AD-641 436
AD-641 437
AD-641 438
AD-641 439
AD-641 441
AD-641 442
AD-641 443
AD-641 444
AD-641 445
AD-641 446
AD-641 447
AD-641 448
AD-641 449
AD-641 450
AD-641 451
AD-641 452
AD-641 453
AD-641 454
AD-641 455
AD-641 456
AD-641 457
AD-641 458
AD-641 459
AD-641 460

20D T66 24 HCS 25,20 MFS 1.25
8N T66 24
4A T66 24
6S T66 24
6P T66 24
13H T66 24 HCS 1,00 MFS 0.50
17I T66 24 HCS 2,00 MFS 0.50
13F T66 24 HCS 3,00 MFS 0.75
12B T66 24 HCS 5,00 MFS 1.00
4A T66 24 HCS 2,00 MFS 0.50
4A T66 24 HCS 2,00 MFS 0.50
20I T66 24 HCS 2,00 MFS 0.50
17A T66 24 HCS 1,00 MFS 0.50
9E T66 24 HCS 1,00 MFS 0.50
20L T66 24 HCS 5,00 MFS 1.00
8J T66 24 HCS 3,00 MFS 0.75
5A T66 24 HCS 1,00 MFS 0.50
8K T66 24 HCS 3,00 MFS 0.75
4A T66 24 HCS 3,00 MFS 0.75
12A T66 24 HCS 2,00 MFS 0.50
11H T66 24 HCS 1,00 MFS 0.50
9A T66 24 HCS 3,00 MFS 0.75
1A T66 24 HCS 2,00 MFS 0.50
13J T66 24 HCS 3,00 MFS 0.50
6P T66 24
6P T66 24
6E T66 24
6E T66 24
6E T66 24
6E T66 24
6O T66 24
6E T66 24
6O T66 24
5J T66 24
20B T66 24
20B T66 24
5J T66 24
8E T66 24 HCS 5,00 MFS 1.00
20H T66 24 HCS 1,00 MFS 0.50
14B T66 24 HCS 2,00 MFS 0.50
5I T66 24 HCS 2,00 MFS 0.50
20B T66 24 HCS 2,00 MFS 0.50
17I T66 24 HCS 6,00 MFS 1.25
20A T66 24 HCS 3,00 MFS 0.75
17G T66 24 HCS 2,00 MFS 0.50
14B T66 24 HCS 3,00 MFS 0.50
5J T66 24 HCS 3,00 MFS 0.75
20D T66 24 HCS 3,00 MFS 0.50
12A T66 24 HCS 1,00 MFS 0.50
12A T66 24 HCS 1,00 MFS 0.50
17B T66 24 HCS 1,00 MFS 0.50
20L T66 24 HCS 1,00 MFS 0.50
9A T66 24 HCS 3,00 MFS 0.75
8G T66 24 HCS 3,00 MFS 0.75
8C T66 24 HCS 1,00 MFS 0.50
22C T66 24 HCS 1,00 MFS 0.50
5A T66 24 HCS 5,00 MFS 1.00
9A T66 24 HCS 3,00 MFS 0.75
13H T66 24 HCS 4,00 MFS 0.75
13H T66 24 HCS 3,00 MFS 0.75
9A T66 24 HCS 2,00 MFS 0.50
9A T66 24 HCS 2,00 MFS 0.50
9A T66 24 HCS 2,00 MFS 0.50
10B T66 24 HCS 2,00 MFS 0.50
9E T66 24 HCS 3,00 MFS 0.75
7C T66 24 HCS 3,00 MFS 0.75
6P T66 24
6C T66 24
5J T66 24
6S T66 24
21D T66 24 HCS 6,00 MFS 1.50
20H T66 24
6C T66 24
4A T66 24 HCS 2,00 MFS 0.50
5A T66 24 HCS 6,00 MFS 1.25
6C T66 24 HCS 1,00 MFS 0.50
6A T66 24 HCS 1,00 MFS 0.50
6A T66 24 HCS 1,00 MFS 0.50
6E T66 24 HCS 1,00 MFS 0.50
11F T66 24 HCS 7,00 MFS 1.50
20I T66 24 HCS 4,00 MFS 0.75
17I T66 24 HCS 3,00 MFS 0.75
17B T66 24 HCS 6,00 MFS 1.25
10B T66 24 HCS 3,00 MFS 0.75
11E T66 24 HCS 4,00 MFS 0.75
20D T66 24 HCS 5,00 MFS 1.00
20D T66 24 HCS 4,00 MFS 1.00
8A T66 24 HCS 3,00 MFS 0.75
5J T66 24
5A T66 24 HCS 2,00 MFS 0.50
20D T66 24 HCS 2,00 MFS 0.50
20D T66 24
5A T66 24 HCS 1,00 MFS 0.50
3A T66 24
3B T66 24
12A T66 24
17I T66 24 HCS 2,00 MFS 0.50
3A T66 24
15C T66 24 HCS 7,60 MFS 0.75
20H T66 24
5E T66 24
20J T66 24
17I T66 24 HCS 2,00 MFS 0.50
12A T66 24
7D T66 24
15C T66 24 HCS 3,00 MFS 0.75
9A T66 24 HCS 3,00 MFS 0.50
12A T66 24
4A T66 24
4A T66 24
12A T66 24 HCS 1,00 MFS 0.50

AD-641 461
AD-641 462
AD-641 463
AD-641 464
AD-641 465
AD-641 466
AD-641 467
AD-641 468
AD-641 469
AD-641 470
AD-641 471
AD-641 472
AD-641 473
AD-641 474
AD-641 475
AD-641 476
AD-641 477
AD-641 478
AD-641 479
AD-641 480
AD-641 481
AD-641 482
AD-641 483
AD-641 484
AD-641 485
AD-641 486
AD-641 487
AD-641 488
AD-641 489
AD-641 490
AD-641 491
AD-641 492
AD-641 493
AD-641 494
AD-641 495
AD-641 496
AD-641 497
AD-641 498
AD-641 499
AD-641 500
AD-641 501
AD-641 502
AD-641 503
AD-641 504
AD-641 505
AD-641 506
AD-641 507
AD-641 508
AD-641 509
AD-641 510
AD-641 511
AD-641 512
AD-641 513
AD-641 514
AD-641 515
AD-641 516
AD-641 517
AD-641 518
AD-641 519
AD-641 520
AD-641 521
AD-641 522
AD-641 523
AD-641 524
AD-641 525
AD-641 526
AD-641 527
AD-641 528
AD-641 529
AD-641 530
AD-641 531
AD-641 532
AD-641 533
AD-641 534
AD-641 535
AD-641 536
AD-641 537
AD-641 538
AD-641 539
AD-641 540
AD-641 541
AD-641 542
AD-641 543
AD-641 544
AD-641 545
AD-641 546
AD-641 547
AD-641 548
AD-641 549
AD-641 550
AD-641 551
AD-641 552
AD-641 553
AD-641 554
AD-641 555
AD-641 556
AD-641 557
AD-641 558
AD-641 559
AD-641 560
AD-641 561
AD-641 562
AD-641 563
AD-641 564
AD-641 565
AD-641 566
AD-641 567
AD-641 568
AD-641 569
AD-641 570
AD-641 571

9E T66 24 HCS 1,00 MFS 0.50
7C T66 24
20H T66 24 HCS 2,00 MFS 0.50
12A T66 24
12A T66 24
12A T66 24
20H T66 24
9E T66 24
9E T66 24
5J T66 24
9E T66 24
6P T66 24
9E T66 24
6P T66 24
6P T66 24
5J T66 24 HCS 1,00 MFS 0.50
5J T66 24 HCS 1,00 MFS 0.50
1B T66 24 HCS 1,00 MFS 0.50
1D T66 24 HCS 1,00 MFS 0.50
18H T66 24 HCS 4,00 MFS 0.75
18C T66 24 HCS 2,00 MFS 0.50
8L T66 24 HCS 1,00 MFS 0.50
20B T66 24
20D T66 24 HCS 1,00 MFS 0.50
19A T66 24 HCS 1,00 MFS 0.50
7D T66 24
6C T66 24
6C T66 24
9E T66 24
20H T66 24
12A T66 24
20C T66 24
12B T66 24
11G T66 24
14D T66 24 HCS 1,60 MFS 0.50
11E T66 24 HCS 4,00 MFS 0.75
20K T66 24 HCS 2,00 MFS 0.50
20L T66 24 HCS 3,00 MFS 0.75
12B T66 24 HCS 5,00 MFS 1.00
11B T66 24 HCS 3,00 MFS 0.75
17B T66 24 HCS 2,00 MFS 0.50
17G T66 24 HCS 1,00 MFS 0.50
21B T66 24 HCS 2,00 MFS 0.50
20N T66 24 HCS 1,00 MFS 0.50
6R T66 24 HCS 1,00 MFS 0.50
15E T66 24 HCS 2,00 MFS 0.50
15E T66 24 HCS 5,00 MFS 1.00
15E T66 24 HCS 5,00 MFS 1.00
3B T66 24 HCS 6,00 MFS 1.50
12A T66 24
5J T66 24 HCS 1,00 MFS 0.50
12A T66 24
20E T66 24
12A T66 24
6P T66 24
6N T66 24
6N T66 24
6N T66 24
6N T66 24
12A T66 24
12A T66 24
20L T66 24
20L T66 24
6P T66 24
6P T66 24
12A T66 24
6O T66 24
12A T66 24
12A T66 24
12A T66 24
12A T66 24
20H T66 24
12A T66 24
20K T66 24
20H T66 24
12A T66 24
20L T66 24
20B T66 24
20D T66 24
9B T66 24
20H T66 24
3B T66 24
7D T66 24
12A T66 24
20B T66 24
20L T66 24
20I T66 24
20L T66 24
20L T66 24
20L T66 24
20J T66 24
20J T66 24
12A T66 24
20K T66 24
12A T66 24
20K T66 24
5J T66 24
18D T66 24 HCS 2,00 MFS 0.50
4B T66 24 HCS 2,00 MFS 0.50
9D T66 24 HCS 3,00 MFS 0.50
9D T66 24 HCS 2,00 MFS 0.50
9A T66 24 HCS 1,00 MFS 0.50
5B T66 24 HCS 3,00 MFS 0.75
6L T66 24 HCS 1,00 MFS 0.50
6S T66 24 HCS 1,00 MFS 0.50
6A T66 24 HCS 1,00 MFS 0.50
6S T66 24 HCS 1,00 MFS 0.50
6S T66 24 HCS 1,00 MFS 0.50
6S T66 24 HCS 1,00 MFS 0.50
6L T66 24 HCS 1,00 MFS 0.50

AD-641 372	6A	T66	24	HC$	1.00	MF$	0.50	AD-641 683	20C	T66	24				
AD-641 373	6A	T66	24	HC$	1.00	MF$	0.50	AD-641 684	20M	T66	24				
AD-641 374	4B	T66	24	HC$	3.00	MF$	0.75	AD-641 685	12B	T66	24				
AD-641 375	7C	T66	24	HC$	1.00	MF$	0.50	AD-641 686	9D	T66	24				
AD-641 376	12A	T66	24	HC$	2.00	MF$	0.50	AD-641 687	3B	T66	24				
AD-641 377	4A	T66	24	HC$	6.00	MF$	1.25	AD-641 688	12A	T66	24				
AD-641 378	7B	T66	24	HC$	2.00	MF$	0.50	AD-641 689	12B	T66	24				
AD-641 379	4B	T66	24	HC$	2.00	MF$	0.50	AD-641 690	12A	T66	24				
AD-641 380	5I	T66	24	HC$	3.60	MF$	0.50	AD-641 691	20M	T66	24				
AD-641 381	5I	T66	24	HC$	6.60	MF$	0.75	AD-641 692	4B	T66	24				
AD-641 382	5I	T66	24	HC$	6.60	MF$	0.75	AD-641 693	11J	T66	24				
AD-641 383	5I	T66	24	HC$	3.60	MF$	0.50	AD-641 694	20F	T66	24				
AD-641 384	5I	T66	24	HC$	2.00	MF$	0.50	AD-641 695	22A	T66	24			MF$	2.25
AD-641 385	5I	T66	24	HC$	2.00	MF$	0.50	AD-641 696	4A	T66	24	HC$	3.00	MF$	0.75
AD-641 386	5I	T66	24	HC$	1.00	MF$	0.50	AD-641 697	19A	T66	24	HC$	3.00	MF$	0.75
AD-641 387	5I	T66	24	HC$	3.60	MF$	0.50	AD-641 698	17G	T66	24	HC$	4.00	MF$	1.00
AD-641 388	5I	T66	24	HC$	2.00	MF$	0.50	AD-641 699	5J	T66	24	HC$	1.00	MF$	0.50
AD-641 389	5I	T66	24	HC$	12.60	MF$	0.75	AD-641 700	15E	T66	24	HC$	3.00	MF$	0.75
AD-641 390	5I	T66	24	HC$	2.00	MF$	0.50	AD-641 701	13M	T66	24			MF$	0.75
AD-641 391	5I	T66	24	HC$	2.00	MF$	0.50	AD-641 702	12A	T66	24				
AD-641 392	5I	T66	24	HC$	1.00	MF$	0.50	AD-641 703	5J	T66	24				
AD-641 393	5I	T66	24	HC$	2.00	MF$	0.50	AD-641 704	12A	T66	24				
AD-641 394	5I	T66	24	HC$	3.60	MF$	0.50	AD-641 705	17I	T66	24	HC$	2.00	MF$	0.50
AD-641 395	5I	T66	24	HC$	2.00	MF$	0.50	AD-641 706	8G	T66	24	HC$	2.00	MF$	0.50
AD-641 396	5I	T66	24	HC$	5.60	MF$	0.50	AD-641 707	12A	T66	24				
AD-641 397	5I	T66	24	HC$	2.60	MF$	0.50	AD-641 708	13J	T66	24	HC$	4.00	MF$	0.75
AD-641 398	5I	T66	24	HC$	7.60	MF$	0.75	AD-641 709	9C	T66	24				
AD-641 399	5I	T66	24	HC$	14.90	MF$	1.00	AD-641 710	9E	T66	24	HC$	4.00	MF$	1.00
AD-641 400	5I	T66	24	HC$	3.00	MF$	0.75	AD-641 711	9E	T66	24				
AD-641 401	5I	T66	24	HC$	2.00	MF$	0.50	AD-641 712	20D	T66	24	HC$	2.00	MF$	0.50
AD-641 402	21B	T66	24	HC$	3.00	MF$	0.75	AD-641 713	9E	T66	24				
AD-641 403	17I	T66	24	HC$	2.00	MF$	0.50	AD-641 714	14B	T66	24				
AD-641 404	20A	T66	24	HC$	4.00	MF$	0.75	AD-641 715	20D	T66	24				
AD-641 405	7B	T66	24	HC$	1.00	MF$	0.50	AD-641 716	8M	T66	24	HC$	6.00	MF$	1.25
AD-641 406	9A	T66	24	HC$	2.00	MF$	0.50	AD-641 717	17J	T66	24	HC$	2.00	MF$	0.50
AD-641 407	11F	T66	24	HC$	1.00	MF$	0.50	AD-641 718	4A	T66	24	HC$	1.00	MF$	0.50
AD-641 408	3B	T66	24	HC$	1.00	MF$	0.50	AD-641 719	17G	T66	24	HC$	2.00	MF$	0.50
AD-641 409	7C	T66	24	HC$	1.00	MF$	0.50	AD-641 720	14B	T66	24	HC$	2.00	MF$	0.50
AD-641 410	1C	T66	24	HC$	5.00	MF$	1.00	AD-641 721	12A	T66	24				
AD-641 411	15E	T66	24	HC$	5.00	MF$	1.00	AD-641 722	20J	T66	24				
AD-641 412	21B	T66	24	HC$	2.00	MF$	0.50	AD-641 723	12A	T66	24				
AD-641 413	9A	T66	24	HC$	3.00	MF$	0.50	AD-641 724	12A	T66	24				
AD-641 414	9A	T66	24	HC$	3.00	MF$	0.75	AD-641 725	18H	T66	24	HC$	4.00	MF$	1.00
AD-641 415	5J	T66	24	HC$	2.00	MF$	0.50	AD-641 726	20I	T66	24				
AD-641 416	20J	T66	24					AD-641 727	12A	T66	24				
AD-641 417	20J	T66	24					AD-641 728	6C	T66	24				
AD-641 418	20J	T66	24					AD-641 729	20F	T66	24				
AD-641 419	20J	T66	24					AD-641 730	20D	T66	24				
AD-641 420	12B	T66	24					AD-641 731	7C	T66	24				
AD-641 421	20L	T66	24					AD-641 732	8C	T66	24				
AD-641 422	20J	T66	24					AD-641 733	20N	T66	24				
AD-641 423	5J	T66	24					AD-641 734	20N	T66	24				
AD-641 424	5J	T66	24	HC$	3.00	MF$	0.50	AD-641 735	6C	T66	24				
AD-641 425	20J	T66	24					AD-641 736	12A	T66	24				
AD-641 426	20M	T66	24					AD-641 737	12A	T66	24				
AD-641 427	20J	T66	24					AD-641 738	12A	T66	24				
AD-641 428	12A	T66	24					AD-641 739	20L	T66	24				
AD-641 429	12A	T66	24					AD-641 740	7C	T66	24				
AD-641 430	20J	T66	24					AD-641 741	12A	T66	24				
AD-641 431	20C	T66	24					AD-641 742	8J	T66	24				
AD-641 432	20M	T66	24					AD-641 743	7D	T66	24				
AD-641 433	20M	T66	24					AD-641 744	4B	T66	24	HC$	1.00	MF$	0.50
AD-641 434	20L	T66	24					AD-641 745	9B	T66	24	HC$	1.00	MF$	0.50
AD-641 435	20C	T66	24					AD-641 746	18H	T66	24	HC$	2.00	MF$	0.50
AD-641 436	20L	T66	24					AD-641 747	6F	T66	24	HC$	1.00	MF$	0.50
AD-641 437	20C	T66	24					AD-641 748	6C	T66	24	HC$	2.00	MF$	0.50
AD-641 438	20C	T66	24	HC$	1.00	MF$	0.50	AD-641 749	6O	T66	24	HC$	1.00	MF$	0.50
AD-641 439	20I	T66	24	HC$	2.00	MF$	0.50	AD-641 750	6C	T66	24	HC$	1.00	MF$	0.50
AD-641 440	17I	T66	24	HC$	2.00	MF$	0.50	AD-641 751	6A	T66	24	HC$	1.00	MF$	0.50
AD-641 441	17I	T66	24	HC$	1.00	MF$	0.50	AD-641 752	6O	T66	24	HC$	1.00	MF$	0.50
AD-641 442	9E	T66	24	HC$	3.00	MF$	0.75	AD-641 753	8E	T66	24	HC$	4.00	MF$	1.00
AD-641 443	19A	T66	24	HC$	2.00	MF$	0.50	AD-641 754	8G	T66	24	HC$	1.00	MF$	0.50
AD-641 444	13F	T66	24	HC$	3.00	MF$	0.50	AD-641 755	3C	T66	24	HC$	1.00	MF$	0.50
AD-641 445	15C	T66	24	HC$	7.00	MF$	1.75	AD-641 756	8F	T66	24	HC$	1.00	MF$	0.50
AD-641 446	15C	T66	24	HC$	2.00	MF$	0.50	AD-641 757	8E	T66	24	HC$	1.00	MF$	0.50
AD-641 447	9B	T66	24	HC$	3.00	MF$	0.50	AD-641 758	21B	T66	24	HC$	1.00	MF$	0.50
AD-641 448	9E	T66	24	HC$	4.00	MF$	0.75	AD-641 759	20C	T66	24				
AD-641 449	20K	T66	24	HC$	1.00	MF$	0.50	AD-641 760	20B	T66	24				
AD-641 450	3A	T66	24	HC$	3.00	MF$	0.75	AD-641 761	20C	T66	24				
AD-641 451	12A	T66	24	HC$	1.00	MF$	0.50	AD-641 763	20L	T66	24				
AD-641 452	5A	T66	24	HC$	1.00	MF$	0.50	AD-641 764	20M	T66	24				
AD-641 453	20K	T66	24	HC$	5.00	MF$	1.25	AD-641 765	18H	T66	24				
AD-641 454	6R	T66	24	HC$	3.00	MF$	0.75	AD-641 766	7D	T66	24				
AD-641 455	19D	T66	24	HC$	3.00	MF$	0.50	AD-641 767	20M	T66	24				
AD-641 456	6C	T66	24	HC$	1.00	MF$	0.50	AD-641 768	20M	T66	24				
AD-641 457	11B	T66	24	HC$	2.00	MF$	0.50	AD-641 769	8A	T66	24				
AD-641 458	9E	T66	24	HC$	2.00	MF$	0.50	AD-641 770	20L	T66	24				
AD-641 459	7D	T66	24	HC$	2.00	MF$	0.50	AD-641 771	20L	T66	24				
AD-641 460	10C	T66	24	HC$	2.00	MF$	0.50	AD-641 772	20L	T66	24				
AD-641 461	20I	T66	24	HC$	3.00	MF$	0.50	AD-641 773	20C	T66	24				
AD-641 462	11F	T66	24	HC$	2.60	MF$	0.50	AD-641 774	20C	T66	24				
AD-641 463	7D	T66	24	HC$	3.60	MF$	0.50	AD-641 775	20C	T66	24				
AD-641 464	13J	T66	24	HC$	2.00	MF$	0.50	AD-641 776	20C	T66	24				
AD-641 465	5D	T66	24	HC$	1.00	MF$	0.50	AD-641 777	20C	T66	24				
AD-641 466	11I	T66	24	HC$	4.00	MF$	1.00	AD-641 778	20C	T66	24				
AD-641 467	12A	T66	24	HC$	1.00	MF$	0.50	AD-641 779	12A	T66	24				
AD-641 468	4B	T66	24	HC$	2.00	MF$	0.50	AD-641 780	11F	T66	24				
AD-641 469	17A	T66	24	HC$	2.00	MF$	0.50	AD-641 781	20C	T66	24				
AD-641 470	13L	T66	24	HC$	2.00	MF$	0.50	AD-641 782	20C	T66	24				
AD-641 471	6D	T66	24	HC$	6.00	MF$	1.25	AD-641 783	20C	T66	24				
AD-641 472	9B	T66	24	HC$	1.00	MF$	0.50	AD-641 784	7D	T66	24				
AD-641 473	9E	T66	24	HC$	3.00	MF$	0.75	AD-641 785	11F	T66	24				
AD-641 474	20F	T66	24	HC$	3.00	MF$	0.75	AD-641 786	11F	T66	24				
AD-641 475	5J	T66	24	HC$	1.00	MF$	0.50	AD-641 787	20B	T66	24				
AD-641 476	22B	T66	24	HC$	5.00	MF$	1.00	AD-641 788	20B	T66	24				
AD-641 477	1C	T66	24	HC$	4.00	MF$	0.75	AD-641 789	20C	T66	24				
AD-641 478	20J	T66	24					AD-641 790	20C	T66	24				
AD-641 479	12A	T66	24					AD-641 791	7D	T66	24				
AD-641 480	20J	T66	24					AD-641 792	12B	T66	24				
AD-641 481	20D	T66	24					AD-641 793	20C	T66	24				
AD-641 482	20J	T66	24					AD-641 794	6E	T66	24	HC$	5.00	MF$	1.00

AD--AED

AD-641 795
AD-641 796
AD-641 797
AD-641 798
AD-641 799
AD-641 800
AD-641 801
AD-641 802
AD-641 803
AD-641 804
AD-641 805
AD-641 806
AD-641 807
AD-641 808
AD-641 809
AD-641 810
AD-641 811
AD-641 812
AD-641 813
AD-641 814
AD-641 815
AD-641 816
AD-641 817
AD-641 818
AD-641 819
AD-641 820
AD-641 821
AD-641 822
AD-641 823
AD-641 824
AD-641 825
AD-641 826
AD-641 827
AD-641 828
AD-641 829
AD-641 830
AD-641 831
AD-641 832
AD-641 833
AD-641 834
AD-641 835
AD-641 836
AD-641 837
AD-641 838
AD-641 839
AD-641 840
AD-641 841
AD-641 842
AD-641 843
AD-641 844
AD-641 845
AD-641 846
AD-641 847
AD-641 848
AD-641 849
AB-641 850
AD-641 851
AD-641 852
AD-641 853
AD-641 854
AD-641 855
AD-641 856
AD-641 857
AD-641 858
AD-641 859
AD-641 860
AD-641 861
AD-641 862
AD-641 863
AD-641 864
AD-641 865
AD-641 866
AD-641 867
AD-641 868
AD-641 869
AD-641 870
AD-641 871
AB-641 872
AD-641 873
AD-641 874
AD-641 875
AD-641 876
AD-641 877
AD-641 878
AD-641 879
AD-641 880
AD-641 881
AD-641 882
AB-641 883
AD-641 884
AD-641 885
AD-641 886
AD-641 887
AD-641 888
AD-641 889
AD-641 890
AD-641 891
AD-641 892
AD-641 893
AD-641 894
AD-641 895
AD-641 896
AD-641 897
AD-641 898
AD-641 899
AD-641 900
AD-641 901
AD-641 902
AD-641 903
AD-641 904
AD-641 905

4A T66 24 HC$ 2.00 MF$ 0.50
20C T66 24
7C T66 24 HC$ 1.00 MF$ 0.50
20B T66 24
20C T66 24
12A T66 24 HC$ 2.00 MF$ 0.50
20C T66 24
20C T66 24
20C T66 24
6S T66 24
6S T66 24
6S T66 24
6S T66 24
9B T66 24
9B T66 24
9B T66 24
7E T66 24
20C T66 24
5J T66 24 HC$ 2.00 MF$ 0.50
5J T66 24 HC$ 9.20 MF$ 2.75
20F T66 24 HC$ 2.00 MF$ 0.50
6S T66 24
6S T66 24
6S T66 24
6S T66 24
6S T66 24
6M T66 24
5C T66 24 HC$ 2.00 MF$ 0.50
6M T66 24
5I T66 24 HC$ 3.00 MF$ 0.75
6M T66 24
6A T66 24
6S T66 24
6S T66 24
6S T66 24
6S T66 24
6A T66 24
20J T66 24 HC$ 5.00 MF$ 1.00
8A T66 24 HC$ 3.00 MF$ 0.75
6E T66 24
6E T66 24
6E T66 24
4B T66 24
6E T66 24
5J T66 24
6P T66 24
20D T66 24
20D T66 24
18D T66 24 HC$ 2.00 MF$ 0.50
13B T66 24 HC$ 2.00 MF$ 0.50
12A T66 24
20K T66 24
7D T66 24
7D T66 24 HC$ 2.00 MF$ 0.50
8C T66 24 HC$ 4.00 MF$ 0.75
5I T66 24 HC$ 10.60 MF$ 0.75
5A T66 24 HC$ 6.00 MF$ 1.25
10C T66 24 HC$ 3.00 MF$ 0.75
12A T66 24 HC$ 1.00 MF$ 0.50
28I T66 24 HC$ 2.00 MF$ 0.50
5C T66 24 HC$ 2.00 MF$ 0.50
20D T66 24 HC$ 1.00 MF$ 0.50
12A T66 24 HC$ 4.00 MF$ 0.75
9A T66 24 HC$ 4.00 MF$ 0.75
8K T66 24
12A T66 24
20L T66 24
12A T66 24
7D T66 24 HC$ 1.00 MF$ 0.50
12A T66 24
22C T66 24 HC$ 1.00 MF$ 0.50
21B T66 24 HC$ 1.00 MF$ 0.50
7D T66 24 HC$ 1.00 MF$ 0.50
9E T66 24
12B T66 24
12A T66 24
6P T66 24
11A T66 24 HC$ 2.00 MF$ 0.50
7C T66 24 HC$ 2.00 MF$ 0.50
28K T66 24 HC$ 2.00 MF$ 0.50
13J T66 24 HC$ 2.00 MF$ 0.50
28E T66 24 HC$ 1.00 MF$ 0.50
9A T66 24 HC$ 3.00 MF$ 0.75
14E T66 24 HC$ 2.00 MF$ 0.50
5I T66 24 HC$ 7.60 MF$ 0.75
6R T66 24 HC$ 2.00 MF$ 0.50
12A T66 24
6E T66 24
12A T66 24
12A T66 24
6P T66 24
20D T66 24
28L T66 24
20D T66 24 HC$ 3.00 MF$ 0.75
20L T66 24
15E T66 24 MF$ 1.25
5J T66 24 HC$ 2.00 MF$ 0.50
21H T66 24 HC$ 2.00 MF$ 0.50
19A T66 24 HC$ 2.00 MF$ 0.50
8B T66 24 HC$ 3.00 MF$ 0.75
6Q T66 24 HC$ 2.00 MF$ 0.50
11F T66 24 HC$ 1.00 MF$ 0.50
20N T66 24 HC$ 2.00 MF$ 0.50
9E T66 24 HC$ 4.00 MF$ 0.75
20I T66 24 HC$ 9.60 MF$ 0.75
6E T66 24 HC$ 1.00 MF$ 0.50
20D T66 24 HC$ 5.00 MF$ 1.00
11F T66 24 HC$ 2.00 MF$ 0.50
22A T66 24 HC$ 1.00 MF$ 0.50
11L T66 24 HC$ 1.00 MF$ 0.50
5C T66 24 HC$ 1.00 MF$ 0.50

AD-641 906
AD-641 907
AD-641 908
AD-641 909
AD-641 910
AD-641 911
AD-641 912
AD-641 913
AD-641 914
AD-641 915
AD-641 916
AD-641 917
AD-641 918
AD-641 919
AD-641 920
AD-641 921
AD-641 922
AD-641 923
AD-641 924
AD-641 925
AD-641 926
AD-641 927
AD-641 928
AD-641 929
AD-641 930
AD-641 931
AD-641 932
AD-641 933
AD-641 934
AD-641 935
AD-641 936
AD-641 937
AD-641 938
AD-641 939
AD-641 940
AD-641 941
AD-641 942
AD-641 943
AD-641 944
AD-641 945
AD-641 946
AD-641 947
AD-641 948
AD-641 949
AD-641 950
AD-641 951
AD-641 952
AD-641 953
AD-641 954
AD-641 955
AD-641 956
AD-641 957
AD-641 958
AD-641 959
AD-641 960
AD-641 961
AD-641 962
AD-641 963
AD-641 964
AD-641 965
AD-641 967
AD-641 968
AD-641 969
AD-641 970
AD-641 971
AD-641 972
AD-641 973
AD-641 974
AD-641 975
AD-641 976
AD-641 977
AD-641 978
AD-641 979
AD-641 980
AD-641 981
AD-641 982
AD-641 984
AD-641 985
AD-641 986
AD-641 987
AD-641 988
AD-641 989
AD-641 990
AD-641 991
AD-641 992
AD-641 993
AD-641 994
AD-641 995
AD-641 997
AD-641 998
AD-641 999
AD-642 000
AD-642 001
AD-642 002
AD-642 003
AD-642 004
AD-642 005
AD-642 006
AD-642 007
AD-80 638
AD-85 423
AD-85 427
AD-85 471
AD-85 982
AD-88 698
AD-92 987
AEDC-TR-65-11
AD-454 992
AEDC-TR-65-35
AD-458 414
AEDC-TR-66-135

8K T66 24 HC$ 1.00 MF$ 0.50
14B T66 24 HC$ 1.00 MF$ 0.50
20J T66 24 HC$ 2.00 MF$ 0.50
5I T66 24 HC$ 2.00 MF$ 0.50
6A T66 24 HC$ 1.00 MF$ 0.50
11B T66 24 HC$ 2.00 MF$ 0.50
5I T66 24 HC$ 2.00 MF$ 0.50
18D T66 24 HC$ 4.00 MF$ 0.75
20I T66 24
20L T66 24 HC$ 1.00 MF$ 0.50
20L T66 24 HC$ 1.00 MF$ 0.50
20L T66 24 HC$ 1.00 MF$ 0.50
20L T66 24 HC$ 1.00 MF$ 0.50
9A T66 24 HC$ 1.00 MF$ 0.50
9A T66 24 HC$ 1.00 MF$ 0.50
5A T66 24 HC$ 9.10 MF$ 2.75
5A T66 24 HC$ 9.55 MF$ 2.75
5A T66 24 HC$ 7.00 MF$ 1.50
6C T66 24
13B T66 24 HC$ 9.65 MF$ 2.75
5E T66 24 HC$ 3.00 MF$ 0.75
14B T66 24
18D T66 24
6E T66 24
11F T66 24 HC$ 1.00 MF$ 0.50
20A T66 24 HC$ 1.00 MF$ 0.50
11F T66 24 HC$ 1.00 MF$ 0.50
6E T66 24
12A T66 24 HC$ 2.00 MF$ 0.50
12B T66 24 HC$ 2.00 MF$ 0.50
6M T66 24
6M T66 24
6M T66 24
6L T66 24
6M T66 24
6A T66 24
6M T66 24
9A T66 24 HC$ 1.00 MF$ 0.50
6M T66 24
6M T66 24
6M T66 24
6M T66 24
6M T66 24
6M T66 24
6M T66 24
6M T66 24
6M T66 24
6S T66 24
20M T66 24 HC$ 1.00 MF$ 0.50
5A T66 24 HC$ 1.00 MF$ 0.50
15G T66 24 HC$ 1.00 MF$ 0.50
19A T66 24 HC$ 1.00 MF$ 0.50
20L T66 24 HC$ 3.00 MF$ 0.75
9E T66 24 HC$ 2.00 MF$ 0.50
17B T66 24 HC$ 1.00 MF$ 0.50
17I T66 24 HC$ 1.00 MF$ 0.50
17G T66 24 HC$ 1.00 MF$ 0.50
8E T66 24 HC$ 1.00 MF$ 0.50
5I T66 24 HC$ 3.00 MF$ 0.75
13K T66 24 HC$ 1.00 MF$ 0.50
13L T66 24 HC$ 1.00 MF$ 0.50
13L T66 24 HC$ 2.60 MF$ 0.50
13L T66 24 HC$ 3.60 MF$ 0.50
13L T66 24 HC$ 2.00 MF$ 0.50
20K T66 24 HC$ 5.00 MF$ 1.00
3B T66 24 HC$ 1.00 MF$ 0.50
22A T66 24 HC$ 1.00 MF$ 0.50
13M T66 24 HC$ 3.00 MF$ 0.75
7C T66 24 HC$ 2.00 MF$ 0.50
8J T66 24 HC$ 1.60 MF$ 0.50
20D T66 24 HC$ 2.00 MF$ 0.50
9E T66 24 HC$ 1.10 MF$ 0.50
8E T66 24 HC$ 3.60 MF$ 0.50
9A T66 24 HC$ 1.60 MF$ 0.50
16B T66 24 HC$ 2.00 MF$ 0.50
20K T66 24
9A T66 24 HC$ 2.00 MF$ 0.50
14B T66 24 HC$ 3.00 MF$ 0.75
6E T66 24 HC$ 1.00 MF$ 0.50
4B T66 24 HC$ 1.00 MF$ 0.50
5J T66 24 HC$ 3.00 MF$ 0.75
11F T66 24 HC$ 2.00 MF$ 0.50
20M T66 24 HC$ 3.00 MF$ 0.75
20C T66 24 HC$ 1.00 MF$ 0.50
6M T66 24 HC$ 2.00 MF$ 0.50
9E T66 24 HC$ 2.00 MF$ 0.50
11F T66 24 HC$ 2.00 MF$ 0.50
17M T66 24
20M T66 24
6Q T66 24
20M T66 24
6A T66 24
8K T66 24
6E T66 24
6E T66 24
6A T66 24
6M T66 24
6M T66 24
17I U41 24 HC$ 4.60
17G U41 24 HC$ 5.60
17I U41 24 HC$ 3.60
15E U41 24 HC$ 3.60
17G U41 24 HC$ 2.60
14B U41 24 HC$ 42.60
5E U41 24 HC$ 2.60

20M U41 24 HC$ 16.40

11M U41 24 HC$ 2.80

AD-641 388 14B T66 24 HC$ 2.00 MF$ 0.50
AEDC-TR-66-146
AD-641 712 20D T66 24 HC$ 2.00 MF$ 0.50
AEWES-TR2-547
AD-263 170 19D U41 24 HC$ 11.40
AE-229
N66-33125 18K S04 19 HC$ 3.00 MF$ 0.75
AFAPL-CONF-66-8
AD-641 695 22A T66 24 MF$ 2.25
AFAPL-CONF-67-5
AD-641 903 22A T66 24 HC$ 1.00 MF$ 0.50
AFAPL-TR-66-53
AD-484 442 13H U41 24 HC$ 4.00 MF$ 0.75
AFCRL-ERP-192
AD-641 359 4A T66 24 HC$ 2.00 MF$ 0.50
AFCRL-ERP-204
AD-641 351 4A T66 24
AFCRL-ERP-205
AD-641 350 8N T66 24
AFCRL-ERP-222
AD-641 358 4A T66 24 HC$ 2.00 MF$ 0.50
AFCRL-PSRP-262-PT-1
AD-641 638 20C T66 24 HC$ 1.00 MF$ 0.50
AFCRL-PSRP-263
AD-641 639 20I T66 24 HC$ 2.00 MF$ 0.50
AFCRL-PSRP-269
AD-641 693 11J T66 24
AFCRL-PSRP-270
AD-641 692 4B T66 24
AFCRL-PSRP-271
AD-641 694 20F T66 24
AFCRL-623
AD-641 562 9D T66 24 HC$ 2.00 MF$ 0.50
AFCRL-66-189
AD-641 671 6D T66 24 HC$ 6.00 MF$ 1.25
AFCRL-66-204
AD-641 351 4A T66 24
AFCRL-66-314,
AD-641 359 4A T66 24 HC$ 2.00 MF$ 0.50
AFCRL-66-383
N66-33523 4A S04 19 HC$ 3.00 MF$ 0.50
AFCRL-66-416
AD-641 350 8N T66 24
AFCRL-66-427
AD-641 725 18H T66 24 HC$ 4.00 MF$ 1.00
AFCRL-66-435
N66-33522 8K S04 19 HC$ 1.00 MF$ 0.50
AFCRL-66-468(A)
AD-641 676 22B T66 24 HC$ 5.00 MF$ 1.00
AFCRL-66-471
N66-38731 12A S04 23 HC$ 5.00 MF$ 1.25
AFCRL-66-479
AD-641 614 9A T66 24 HC$ 3.00 MF$ 0.75
AFCRL-66-506
N66-38296 8Q S04 23 HC$ 3.00 MF$ 0.50
AFCRL-66-582
AD-641 358 4A T66 24 HC$ 2.00 MF$ 0.50
AFCRL-66-618
AD-641 897 20N T66 24 HC$ 2.00 MF$ 0.50
AFCRL-66-622
AD-641 561 9D T66 24 HC$ 3.00 MF$ 0.50
AFCRL-66-630
AD-641 639 20I T66 24 HC$ 2.00 MF$ 0.50
AFCRL-66-633-PT-1
AD-641 638 20C T66 24 HC$ 1.00 MF$ 0.50
AFCRL-66-633
AD-641 366 8K T66 24 HC$ 3.00 MF$ 0.75
AFCRL-66-650
AD-641 574 4B T66 24 HC$ 3.00 MF$ 0.75
AFCRL-66-657
AD-641 456 9A T66 24 HC$ 3.00 MF$ 0.50
AFCRL-66-660
AD-641 693 11J T66 24
AFCRL-66-661
AD-641 694 20F T66 24
AFCRL-66-662
AD-641 692 4B T66 24
AFCRL-66-669
AD-641 367 4A T66 24 HC$ 3.00 MF$ 0.75
AFCRL-66-673
AD-641 672 9B T66 24 HC$ 1.00 MF$ 0.50
AFCRL-66-683
AD-641 432 12B T66 24 HC$ 3.00 MF$ 0.75
AFCRL-66-724
AD-641 710 9E T66 24 HC$ 4.00 MF$ 1.00
AFML-TR-65-416
AD-641 435 20D T66 24 HC$ 4.00 MF$ 1.00
AFOSR-TR-54-27
AD-43 734 18B U41 24 HC$ 1.60
AFOSR-64-0883
AD-448 045 20K U41 24 HC$ 3.00
AFOSR-66-0013
AD-641 629 12A T66 24
AFOSR-66-0014
AD-641 679 12A T66 24
AFOSR-66-0022
AD-641 707 12A T66 24
AFOSR-66-0028
AD-641 808 9B T66 24
AFOSR-66-0029
AD-641 809 9B T66 24
AFOSR-66-0030
AD-641 528 12A T66 24
AFOSR-66-0033
AD-641 629 12A T66 24
AFOSR-66-0036
AD-641 453 12A T66 24
AFOSR-66-0040
AD-641 741 12A T66 24
AFOSR-66-0042
AD-641 709 9C T66 24
AFOSR-66-0043
AD-641 711 9E T66 24
AFOSR-66-0044
AD-641 493 12B T66 24
AFOSR-66-0110
AD-641 468 9E T66 24
AFOSR-66-0111
AD-641 532 12A T66 24
AFOSR-66-0113
AD-641 713 9E T66 24
AFOSR-66-0210
AD-641 529 12A T66 24
AFOSR-66-0212
AD-641 721 12A T66 24
AFOSR-66-0242
AD-641 732 8C T66 24
AFOSR-66-0259
AD-641 521 12A T66 24
AFOSR-66-0265
AD-641 526 12A T66 24
AFOSR-66-0388
AD-641 489 9E T66 24
AFOSR-66-0538
AD-641 734 20N T66 24
AFOSR-66-0539
AD-641 726 20I T66 24
AFOSR-66-0540
AD-641 729 20F T66 24
AFOSR-66-0541
AD-641 733 20N T66 24
AFOSR-66-0558
AD-641 471 9E T66 24
AFOSR-66-0561
AD-641 538 12A T66 24
AFOSR-66-0562
AD-641 931 12A T66 24
AFOSR-66-0655
AD-641 702 12A T66 24
AFOSR-66-0657
AD-641 685 12B T66 24
AFOSR-66-0661
AD-641 810 9B T66 24
AFOSR-66-0668
AD-641 554 12A T66 24
AFOSR-66-0670
AD-641 518 12A T66 24
AFOSR-66-0671
AD-641 514 12A T66 24
AFOSR-66-0672
AD-641 526 12A T66 24
AFOSR-66-0674
AD-641 537 12A T66 24
AFOSR-66-0675
AD-641 737 12A T66 24
AFOSR-66-0676
AD-641 464 12A T66 24
AFOSR-66-0757
AD-641 868 9E T66 24
AFOSR-66-0760
AD-641 869 12B T66 24
AFOSR-66-0761
AD-641 466 12A T66 24
AFOSR-66-0793
AD-641 459 4A T66 24
AFOSR-66-0796
AD-641 543 3B T66 24
AFOSR-66-0797
AD-641 627 20J T66 24
AFOSR-66-0798
AD-641 607 3B T66 24
AFOSR-66-0799
AD-641 617 20J T66 24
AFOSR-66-0801
AD-641 626 20H T66 24
AFOSR-66-0804
AD-641 767 20H T66 24
AFOSR-66-0805
AD-641 768 20H T66 24
AFOSR-66-0814
AD-641 616 20J T66 24
AFOSR-66-0817
AD-641 618 20J T66 24
AFOSR-66-0818
AD-641 625 20J T66 24
AFOSR-66-0821
AD-641 619 20J T66 24
AFOSR-66-0831
AD-641 491 20J T66 24
AFOSR-66-0839
AD-641 728 6C T66 24
AFOSR-66-0843
AD-641 882 6E T66 24
AFOSR-66-0844
AD-641 474 6P T66 24
AFOSR-66-0845
AD-641 472 6P T66 24
AFOSR-66-0852
AD-641 377 6E T66 24
AFOSR-66-0854
AD-641 380 6E T66 24
AFOSR-66-0878
AD-641 622 20J T66 24
AFOSR-66-0882
AD-641 792 12B T66 24
AFOSR-66-0898
N66-33595 20K S04 19 HC$ 4.00 MF$ 0.75
AFOSR-66-0932
N66-33257 8A S04 19 HC$ 2.00 MF$ 0.50
AFOSR-66-1120
AD-641 381 6G T66 24
AFOSR-66-1124

AD-641 885 6P T66 24
AFOSR-66-1132
AD-641 487 6C T66 24
AFOSR-66-1133
AD-641 488 6C T66 24
AFOSR-66-1137
AD-641 735 6C T66 24
AFOSR-66-1138
AD-641 379 6D T66 24
AFOSR-66-1139
AD-641 376 6E T66 24
AFOSR-66-1147
AD-641 478 5J T66 24
AFOSR-66-1153
AD-641 382 5J T66 24
AFOSR-66-1157
AD-641 623 5J T66 24
AFOSR-66-1158
AD-641 437 5J T66 24
AFOSR-66-1165
AD-641 558 5J T66 24
AFOSR-66-1167
AD-641 524 6P T66 24
AFOSR-66-1169
AD-641 525 6P T66 24
AFOSR-66-1191
AD-641 703 5J T66 24
AFOSR-66-1194
AD-641 862 12A T66 24
AFOSR-66-1195
AD-641 868 12A T66 24
AFOSR-66-1197
AD-641 534 12A T66 24
AFOSR-66-1198
AD-641 548 20D T66 24
AFOSR-66-1199
AD-641 688 20J T66 24
AFOSR-66-1205
AD-641 722 20J T66 24
AFOSR-66-1206
AD-641 739 20L T66 24
AFOSR-66-1207
AD-641 686 9D T66 24
AFOSR-66-1208
AD-641 871 6P T66 24
AFOSR-66-1209
AD-641 881 12A T66 24
AFOSR-66-1212
AD-641 688 12A T66 24
AFOSR-66-1213
AD-641 512 12A T66 24
AFOSR-66-1214
AD-641 883 12A T66 24
AFOSR-66-1215
AD-641 884 12A T66 24
AFOSR-66-1216
AD-641 738 12A T66 24
AFOSR-66-1217
AD-641 620 12B T66 24
AFOSR-66-1218
AD-641 4?5 12A T66 24
AFOSR-66-1222
AD-641 541 9B T66 24
AFOSR-66-1227
AD-641 859 8K T66 24
AFOSR-66-1232
AD-641 723 12A T66 24
AFOSR-66-1236
AD-641 730 20D T66 24
AFOSR-66-1240
AD-641 864 12A T66 24
AFOSR-66-1243
AD-641 473 9E T66 24
AFOSR-66-1244
AD-641 469 9E T66 24
AFOSR-66-1257
AD-641 714 14B T66 24
AFOSR-66-1259
AD-641 715 20D T66 24
AFOSR-66-1260
AD-641 633 20H T66 24
AFOSR-66-1261
AD-641 449 20H T66 24
AFOSR-66-1267
AD-641 539 20B T66 24
AFOSR-66-1279
AD-641 684 20H T66 24
AFOSR-66-1280
AD-641 498 4A T66 24
AFOSR-66-1286
AD-641 691 20H T66 24
AFOSR-66-1289
AD-641 789 20C T66 24
AFOSR-66-1293
AD-641 634 20L T66 24
AFOSR-66-1295
AD-641 793 20C T66 24
AFOSR-66-1296
AD-641 772 20L T66 24
AFOSR-66-1297
AD-641 796 20C T66 24
AFOSR-66-1298
AD-641 383 20B T66 24
AFOSR-66-1301
AD-641 678 20J T66 24
AFOSR-66-1302
AD-641 811 7E T66 24
AFOSR-66-1307
AD-641 778 20L T66 24
AFOSR-66-1308
AD-641 771 20L T66 24
AFOSR-66-1316
AD-641 542 20H T66 24
AFOSR-66-1317
AD-641 803 20C T66 24
AFOSR-66-1320
AD-641 546 20B T66 24
AFOSR-66-1321
AD-641 535 20K T66 24
AFOSR-66-1323
AD-641 801 20C T66 24
AFOSR-66-1334
AD-641 630 20J T66 24
AFOSR-66-1335
AD-641 551 20L T66 24
AFOSR-66-1338
AD-641 812 20C T66 24
AFOSR-66-1340
AD-641 306 9A T66 24 HC$ 2.00 MF$ 0.50
AFOSR-66-1351
AD-641 556 12A T66 24
AFOSR-66-1373
AD-641 689 12B T66 24
AFOSR-66-1376
AD-641 550 20L T66 24
AFOSR-66-1390
AD-641 724 12A T66 24
AFOSR-66-1395
AD-641 457 12A T66 24
AFOSR-66-1397
AD-641 736 12A T66 24
AFOSR-66-1412
AD-641 681 20D T66 24
AFOSR-66-1413
AD-641 682 20J T66 24
AFOSR-66-1414
AD-641 555 20K T66 24
AFOSR-66-1417
AD-641 375 6E T66 24
AFOSR-66-1435
AD-641 454 7D T66 24
AFOSR-66-1457
AD-641 766 7D T66 24
AFOSR-66-1461
AD-641 475 6P T66 24
AFOSR-66-1462
N66-38368 6A S04 23 HC$ 1.00 MF$ 0.50
AFOSR-66-1465
AD-641 373 6P T66 24
AFOSR-66-1466
AD-641 374 6P T66 24
AFOSR-66-1468
AD-641 527 6D T66 24
AFOSR-66-1485
AD-641 637 20C T66 24
AFOSR-66-1487
AD-641 779 12A T66 24
AFOSR-66-1488
AD-641 785 11F T66 24
AFOSR-66-1492
AD-641 635 20C T66 24
AFOSR-66-1493
AD-641 759 20C T66 24
AFOSR-66-1499
AD-641 704 12A T66 24
AFOSR-66-1502
AD-641 498 20H T66 24
AFOSR-66-1503
AD-641 933 20H T66 24
AFOSR-66-1507
AD-641 441 20D T66 24
AFOSR-66-1508
AD-641 491 12A T66 24
AFOSR-66-1518
AD-641 760 20B T66 24
AFOSR-66-1519
AD-641 761 20C T66 24
AFOSR-66-1520
AD-641 773 20C T66 24
AFOSR-66-1521
AD-641 636 20L T66 24
AFOSR-66-1523
AD-641 522 20L T66 24
AFOSR-66-1534
AD-641 783 20C T66 24
AFOSR-66-1535
AD-641 788 11F T66 24
AFOSR-66-1537
AD-641 870 12A T66 24
AFOSR-66-1538
AD-641 465 12A T66 24
AFOSR-66-1548
AD-641 683 20C T66 24
AFOSR-66-1549
AD-641 802 20C T66 24
AFOSR-66-1550
AD-641 781 20C T66 24
AFOSR-66-1551
AD-641 777 20C T66 24
AFOSR-66-1552
AD-641 779 20C T66 24
AFOSR-66-1553
AD-641 776 20C T66 24
AFOSR-66-1558
AD-641 631 20C T66 24
AFOSR-66-1576
AD-641 486 7D T66 24
AFOSR-66-1583
AD-641 447 3A T66 24
AFOSR-66-1589
AD-641 552 20J T66 24
AFOSR-66-1596

AD-641 467 20H T66 24
AFOSR-66-1599
AD-641 483 20B T66 24
AFOSR-66-1600
AD-641 889 20L T66 24
AFOSR-66-1601
AD-641 786 11F T66 24
AFOSR-66-1605
AD-641 765 18H T66 24
AFOSR-66-1606
AD-641 798 20B T66 24
AFOSR-66-1609
AD-641 887 20L T66 24
AFOSR-66-1614
AD-641 538 20L T66 24
AFOSR-66-1620
AD-641 764 20H T66 24
AFOSR-66-1621
AD-641 763 20L T66 24
AFOSR-66-1627
AD-641 784 7D T66 24
AFOSR-66-1632
AD-641 549 20L T66 24
AFOSR-66-1635
AD-641 523 20L T66 24
AFOSR-66-1643
AD-641 778 20C T66 24
AFOSR-66-1652
AD-641 384 20B T66 24
AFOSR-66-1653
AD-641 547 20L T66 24
AFOSR-66-1655
AD-641 782 20C T66 24
AFOSR-66-1661
AD-641 788 20B T66 24
AFOSR-66-1677
AD-641 698 12A T66 24
AFOSR-66-1688
AD-641 443 3A T66 24
AFOSR-66-1731
AD-641 886 20D T66 24
AFOSR-66-1736
AD-641 787 20B T66 24
AFOSR-66-1737
AD-641 621 20L T66 24
AFOSR-66-1738
AD-641 444 3B T66 24
AFOSR-66-1740
AD-641 544 7D T66 24
AFOSR-66-1745
AD-641 494 11G T66 24
AFOSR-66-1747
AD-641 492 20C T66 24
AFOSR-66-1749
AD-641 462 7C T66 24
AFOSR-66-1750
AD-641 727 12A T66 24
AFOSR-66-1772
AD-641 536 20H T66 24
AFOSR-66-1775
AD-641 632 20M T66 24
AFOSR-66-1797
AD-641 861 20L T66 24
AFOSR-66-1823
AD-641 799 20C T66 24
AFOSR-66-1829
AD-641 731 7C T66 24
AFOSR-66-1835
AD-641 312 8K T66 24 HC$ 3.00 MF$ 0.75
AFOSR-66-1836
AD-641 543 12A T66 24
AFOSR-66-1838
AD-641 557 20K T66 24
AFOSR-66-1843
AD-641 791 7D T66 24
AFOSR-66-1846
AD-641 798 20C T66 24
AFOSR-66-1852
AD-641 740 7C T66 24
AFOSR-66-1853
AD-641 774 20C T66 24
AFOSR-66-1891
AD-641 378 6E T66 24
AFOSR-66-1943
AD-641 434 20D T66 24 HC$ 5.00 MF$ 1.00
AFOSR-66-2452
AD-641 303 7C T66 24 HC$ 1.00 MF$ 0.50
AFOSR-66-2479
AD-641 758 21B T66 24 HC$ 1.00 MF$ 0.50
AFOSR-66-2486
AD-641 914 20I T66 24
AFOSR-66-2571
AD-641 797 7C T66 24 HC$ 1.00 MF$ 0.50
AFOSR-66-2587
AD-641 995 11F T66 24 HC$ 2.00 MF$ 0.50
AFOSR-66-2588
AD-641 993 6M T66 24 HC$ 2.00 MF$ 0.50
AFOSR-66-2589
AD-641 971 20K T66 24 HC$ 5.00 MF$ 1.00
AFOSR-66-2606
AD-641 991 20M T66 24 HC$ 3.00 MF$ 0.75
AFOSR-66-2607
AD-641 990 11F T66 24 HC$ 2.00 MF$ 0.50
AGARD-500
N66-33489 1B S04 19 HC$ 2.50 MF$ 0.75
AGC-8800-49
N66-38757 13H S04 23 HC$ 2.50 MF$ 0.75
AGC-8800-64
N66-33977 13H S04 19 HC$ 2.50 MF$ 0.75
AIP/DRP-63 1-SUPPL
PB-173 461 5B U41 24 HC$ 1.10 MF$ 0.50
AL66T832
N66-32922 13I S04 19 HC$ 3.00 MF$ 1.00
AMC-RA-RK-TR-66-15
AD-641 484 20D T66 24 HC$ 1.00 MF$ 0.50
AMRA-CR-66-02/3
AD-641 408 13M T66 24 HC$ 3.00 MF$ 0.75
AMRA-CR-66-05/6
AD-641 407 13M T66 24 HC$ 4.00 MF$ 0.75
AMRA-CR-66-07/1
AD-641 911 11B T66 24 HC$ 2.00 MF$ 0.50
AMRA-TR-66-22
AD-641 965 13M T66 24 HC$ 1.00 MF$ 0.50
AMRA-TR-66-27
AD-641 931 20A T66 24 HC$ 1.00 MF$ 0.50
AMRL-TR-65-195
AD-641 352 6S T66 24
AMRL-TR-66-25
AD-641 389 5I T66 24 HC$ 2.00 MF$ 0.50
AMRL-TR-66-32
N66-38115 5H S04 23 HC$ 1.00 MF$ 0.50
AMRL-TR-66-33
N66-38192 6M S04 23 HC$ 7.00 MF$ 2.00
AM-66-22
AD-641 477 5J T66 24 HC$ 1.00 MF$ 0.50
AM-66-24
AD-641 476 5J T66 24 HC$ 1.00 MF$ 0.50
AM-66-30
AD-641 478 1B T66 24 HC$ 1.00 MF$ 0.50
AM-66-32
AD-641 479 1D T66 24 HC$ 1.00 MF$ 0.50
APL-TDR-64-89-PT-3
AD-641 419 21D T66 24 HC$ 6.00 MF$ 1.50
APRO-TRN-173
AD-641 326 5B T66 24 HC$ 4.00 MF$ 0.75
ARL-TR-66-18
AD-641 331 6R T66 24 HC$ 2.00 MF$ 0.50
ARL-66-0117
AD-480 791 7D U41 24 HC$ 2.00 MF$ 0.50
ARL-66-0139
AD-641 414 7C T66 24 HC$ 3.00 MF$ 0.75
ARL-66-0144
AD-641 975 7C T66 24 HC$ 3.00 MF$ 0.75
AROD-4237 3
AD-641 689 7C T66 24 HC$ 1.00 MF$ 0.50
AROD-4336 1
AD-641 854 20I T66 24 HC$ 2.00 MF$ 0.50
AROD-4493 1
AD-453 658 15G U41 24 HC$ 2.00
AROD-5200 6
AD-641 605 7B T66 24 HC$ 1.00 MF$ 0.50
AROD-5254 18
AD-641 976 12A T66 24 HC$ 2.00 MF$ 0.50
AROD-5612 2
AD-641 607 11F T66 24 HC$ 1.00 MF$ 0.50
ASD-TR-61-712
AD-275 107 1A U41 24 HC$ 7.60
ATD-66-115
AD-641 863 7D T66 24 HC$ 1.00 MF$ 0.50
ATD-66-119
AD-641 876 20E T66 24 HC$ 1.00 MF$ 0.50
ATD-66-68
AD-641 602 21B T66 24 HC$ 3.00 MF$ 0.75
ATD-66-73
AD-641 930 11F T66 24 HC$ 1.00 MF$ 0.50
ATD-66-89
AD-641 892 21H T66 24 HC$ 2.00 MF$ 0.50
ATD-66-91
AD-641 865 22C T66 24 HC$ 1.00 MF$ 0.50
ATD-66-94
AD-641 856 20D T66 24 HC$ 1.00 MF$ 0.50
ATD-66-98
AD-641 866 21B T66 24 HC$ 1.00 MF$ 0.50
ATI-33 198 19D U41 24 HC$ 2.60
AVSSD-0230-66-CR
AD-641 367 4A T66 24 HC$ 3.00 MF$ 0.75
A-711
PB-173 411 13C U41 24 HC$ 3.00 MF$ 0.75
BALLISTICS RESEARCH-157
AD-641 874 20K T66 24 HC$ 2.00 MF$ 0.50
BIBLIOGRAPHY-244
AD-641 304 13B T66 24 MF$ 0.75
BRLD-3395
N66-33498 13K S04 19 HC$ 2.00 MF$ 0.50
BRL-MR-1769
AD-641 386 6E T66 24 HC$ 5.00 MF$ 1.00
BRL-MR-1772
AD-641 387 20H T66 24 HC$ 1.00 MF$ 0.50
BRL-MR-489
AD-641 980 9A T66 24 HC$ 3.60 MF$ 0.50
BRL-MR-499
AD-641 981 9A T66 24 HC$ 1.60 MF$ 0.50
BRL-MR-502
AD-641 978 9E T66 24 HC$ 2.00 MF$ 0.50
BRL-MR-503
AD-641 982 16B T66 24 HC$ 2.00 MF$ 0.50
BRL-MR-543
AD-641 963 6E T66 24 HC$ 1.00 MF$ 0.50
BRL-MR-574
AD-641 979 8E T66 24 HC$ 1.10 MF$ 0.50
BRL-MR-598
AD-641 977 20D T66 24 HC$ 1.60 MF$ 0.50
BRL-705
AD-641 346 9B T66 24 HC$ 9.60 MF$ 0.75
BRL-730
AD-641 349 20D T66 24 HC$ 25.20 MF$ 1.25
BRL-735
AD-641 345 7B T66 24 HC$ 1.60 MF$ 0.50
BRL-757
AD-641 343 20D T66 24 HC$ 1.60 MF$ 0.50
BRL-760
AD-641 344 20H T66 24 HC$ 1.60 MF$ 0.50

BRL-778
AD-641 341 12A T66 24 HCS 1.40 MFS 0.50
BRL-784
AD-641 342 8E T66 24 HCS 8.40 MFS 0.75
BRL-785
AD-641 347 8E T66 24 HCS 3.40 MFS 0.50
BRL-801
AD-641 348 20F T66 24 HCS 2.40 MFS 0.50
BSR-1362
N66-38493 14B S04 23 HCS 2.50 MFS 0.75
CAL-HM-2107-Y-2
N66-34045 21H S04 19 HCS 4.00 MFS 1.00
CAL-VS-2182-D-2
N66-38492 14E S04 23 HCS 3.25 MFS 1.00
CAL-YD-1969-V-2
PB-173 454 11J U41 24 HCS 3.00 MFS 0.75
CBRL-494
AD-641 518 6M T66 24
CCC-564
N66-38186 14B S04 23 HCS 2.50 MFS 0.50
CCL-209
AD-641 314 11C T66 24 HCS 2.00 MFS 0.50
CEA-R-2482
N66-38120 18J S04 23 HCS 3.00 MFS 0.50
CEA-R-2877
PB-173 398 7E U41 24 HCS 4.00 MFS 0.75
CEA-R-2924
PB-173 383 7D U41 24 HCS 4.00 MFS 0.75
CEA-R-2974
PB-173 382 19A U41 24 HCS 3.00 MFS 0.75
CEA-R-2985
PB-173 390 20H U41 24 HCS 2.00 MFS 0.50
CEA-R-2987
PB-173 400 20L U41 24 HCS 3.00 MFS 0.75
CEA-R-2993
PB-173 395 14B U41 24 HCS 4.00 MFS 0.75
CEA-R-3002
PB-173 402 20G U41 24 HCS 3.00 MFS 0.75
CEA-R-3005
PB-173 396 7D U41 24 HCS 3.00 MFS 0.75
CEA-R-3021
PB-173 389 18G U41 24 HCS 2.00 MFS 0.50
CEA-R-3025
PB-173 401 20H U41 24 HCS 3.00 MFS 0.75
CEA-R-3029
PB-173 394 7E U41 24 HCS 1.00 MFS 0.50
CEA-R-3032
PB-173 393 20H U41 24 HCS 3.00 MFS 0.75
CEA-R-3044
PB-173 391 7D U41 24 HCS 3.00 MFS 0.75
CEA-R-3045
PB-173 397 14B U41 24 HCS 1.00 MFS 0.50
CEA-R-3050
PB-173 403 13A U41 24 HCS 1.00 MFS 0.50
CEA-R-3057
PB-173 392 22I U41 24 HCS 3.00 MFS 0.75
CEA-R-3066
PB-173 385 18J U41 24 HCS 3.00 MFS 0.75
CEA-R-3071
PB-173 388 18D U41 24 HCS 5.00 MFS 1.00
CEA-R-3075
PB-173 386 20I U41 24 HCS 4.00 MFS 0.75
CEA-R-3079
PB-173 387 7E U41 24 HCS 3.00 MFS 0.75
CEA-R-3086
PB-173 384 6R U41 24 HCS 2.00 MFS 0.50
CEA-R-3090
PB-173 399 7D U41 24 HCS 3.00 MFS 0.75
CE-3343-188-64U
*AD-641 716 8H T66 24 HCS 6.00 MFS 1.25
CE-4
PB-173 490 13B U41 24 HCS 4.00 MFS 1.00
CIR-4328
N66-33205 4B S04 19 HCS 2.00 MFS 0.50
CIR-4346
N66-33119 4B S04 19 HCS 2.00 MFS 0.50
CM-888
AD-641 503 21B T66 24 HCS 2.00 MFS 0.50
CONTRIB-66-6
AD-641 402 8G T66 24 HCS 3.00 MFS 0.75
CONTRIB-933
AD-642 882 8K T66 24
CPD-1966/2/S/
N66-37731 4A S04 23 HCS 2.00 MFS 0.50
CRES-61-7
N66-32761 17I S04 19 HCS 2.50 MFS 0.50
CRES-61-8
N66-32758 8B S04 19 HCS 2.00 MFS 0.50
CR-66-16/VOL. II/
N66-37943 14B S04 23 HCS 7.00 MFS 2.00
CR-66-16/VOL. I/
N66-37944 14B S04 23 HCS 2.00 MFS 0.50
CR-66-2
N66-32964 20H S04 19 HCS 1.00 MFS 0.50
CR-66-545-37
AD-641 413 9E T66 24 HCS 3.00 MFS 0.75
CTR-66-275
AD-487 471 21E U41 24 HCS 10.60
C-1210
PB-173 481 13H U41 24 HCS 3.00 MFS 0.50
C-67092
N66-38753 9A S04 23 HCS 2.00 MFS 0.50
C/OM-TS-129
AD-449 585 7C U41 24 HCS 3.00
C/OM-TS-142
AD-641 433 11E T66 24 HCS 4.00 MFS 0.75
C/OM-TS-146
AD-641 496 11E T66 24 HCS 4.00 MFS 0.75
DAC-59918
N66-38791 11F S04 23 HCS 2.00 MFS 0.50
DASA-1300-II
AD-641 311 8H T66 24 HCS 4.00 MFS 0.75
DASA-1613
AD-463 240 18C U41 24 HCS 4.00
DASA-606
AD-212 660 6R U41 24 HCS 3.60
DCBRL-TN-66-17
AD-641 927 14B T66 24
DCBRL-489
AD-641 519 6M T66 24
DCBRL-490
AD-641 353 6P T66 24
DCBRL-492
AD-641 517 6M T66 24
DCBRL-493
AD-641 516 6M T66 24
DCBRL-502
AD-641 928 18D T66 24
DWG-SP-R.168-2
N66-33972 20K S04 19 HCS 3.25 MFS 1.25
DPS-999
AD-408 653 13F U41 24 HCS 4.00
DR-30
N66-33391 4B S04 19 HCS 2.00 MFS 0.50
DTMB-2243
AD-641 675 13J T66 24 HCS 2.00 MFS 0.50
DTMB-2251
AD-641 337 13J T66 24 HCS 3.00 MFS 0.50
DZ-81285
AD-455 328 11G U41 24 HCS 10.60
EATR-4000
AD-481 668 15B U41 24 HCS 1.00 MFS 0.50
EATR-4034
AD-641 572 6A T66 24 HCS 1.00 MFS 0.50
EATR-4045
AD-641 573 6A T66 24 HCS 1.00 MFS 0.50
ECOM-00212-F
AD-641 673 9E T66 24 HCS 3.00 MFS 0.75
ECOM-01219-F
N66-38328 4A S04 23 HCS 2.00 MFS 0.50
ECOM-01232-1F
AD-641 431 17B T66 24 HCS 6.00 MFS 1.25
ECOM-01401-2
AD-641 852 10C T66 24 HCS 3.00 MFS 0.75
ECOM-01541-F
AD-641 406 9A T66 24 HCS 3.00 MFS 0.75
ECOM-01630-2
AD-641 943 9A T66 24 HCS 1.00 MFS 0.50
ECOM-01901-24
AD-641 647 9B T66 24 HCS 3.00 MFS 0.50
ECOM-02135-1
AD-641 660 10C T66 24 HCS 2.00 MFS 0.50
ECOM-02205-1
AD-641 412 10B T66 24 HCS 2.00 MFS 0.50
ECOM-02280-1
AD-641 413 9E T66 24 HCS 3.00 MFS 0.75
ECOM-02282-10
AD-485 171 9E U41 24 HCS 2.00 MFS 0.50
ECOM-02324-F
AD-641 613 9A T66 24 HCS 3.00 MFS 0.50
ECOM-03314-5
AD-641 907 14B T66 24 HCS 1.00 MFS 0.50
ECOM-03703-11
AD-641 795 4A T66 24 HCS 2.00 MFS 0.50
ECOM-2747
AD-641 642 9E T66 24 HCS 3.00 MFS 0.75
ECOM-2758
AD-641 338 9A T66 24 HCS 2.00 MFS 0.50
ECOM-2759
AD-641 328 9A T66 24 HCS 1.00 MFS 0.50
ECOM-2764
AD-641 360 20I T66 24 HCS 2.00 MFS 0.50
ECOM-2765
AD-641 961 17I T66 24 HCS 1.00 MFS 0.50
ECOM-5018
AD-473 746 3B U41 24 HCS 1.60 MFS 0.50
ECOM-5034
AD-641 815 20F T66 24 HCS 2.00 MFS 0.50
ECOM-5053
AD-641 560 4B T66 24 HCS 2.00 MFS 0.50
ECOM-5055
AD-641 669 17A T66 24 HCS 2.00 MFS 0.50
ECOM-5057
AD-641 744 4B T66 24 HCS 1.00 MFS 0.50
ECOM-5061
AD-641 668 4B T66 24 HCS 2.00 MFS 0.50
ECOM-5068
AD-641 696 4A T66 24 HCS 3.00 MFS 0.75
ECOM-5071
AD-641 705 17I T66 24 HCS 2.00 MFS 0.50
ECOM-5072
AD-641 706 8G T66 24 HCS 2.00 MFS 0.50
ECOM-5079
AD-641 579 4B T66 24 HCS 2.00 MFS 0.50
ECOM-90821-F
AD-641 992 20C T66 24 HCS 1.00 MFS 0.50
EFINS-64-42
N66-33168 7D S04 19 HCS 3.00 MFS 0.75
EGG-1163-1210
EM-725
PB-173 448 8H U41 24 HCS 3.00 MFS 0.75
EM-735
PB-173 435 8H U41 24 HCS 2.00 MFS 0.50
ENGINEERING BULL-9
PB-173 489 13B U41 24 HCS 2.00 MFS 0.50
EOS-6997-FINAL
N66-38586 7A S04 23 HCS 4.00 MFS 1.00
ERDA-196
AD-452 106 19G U41 24 HCS 2.60
ERDL-T-1853-66,
AD-641 932 11F T66 24 HCS 1.00 MFS 0.50
ESD-TR-66-315

AD-641 658
ESD-TR-66-316-PT-15
AD-641 926
ESD-TR-66-403
AD-641 498
ESD-TR-66-451
AD-641 959
ESD-TR-66-452
AD-641 641
ESD-TR-66-454
AD-641 640
ESD-TR-66-551
AD-641 603
ESL-R-269
N66-33441
ESL-SR-274
N66-37901
EURAEC-1625
N66-38644
EUR-2538,E
N66-33429
EUR-2838
N66-38644
EXP-462, VOL. I
N66-32960
EXP-462, VOL. II
N66-32961
E-285C
AD-641 904
E-6042-14
AD-641 858
E99-66
N66-37945
FAA-ADS-74-VOL-1
AD-641 506
FAA-ADS-74-VOL-2
AD-641 507
FAA-ADS-74-VOL-3
AD-641 508
FAA-ADS-75
AD-641 611
FAA-ADS-79
AD-641 677
FA-A66-10
AD-641 984
FA-A66-4
AD-641 513
FA-M67-2-1
AD-641 485
FA-M67-6-1
AD-641 726
FA-R-1733
AD-451 179
FDL-TDR-64-56
AD-449 419
FMR-1395-3
N66-38758
FRITZ REPRINT-273
PB-173 405
FRITZ REPRINT-293
PB-173 413
FR-66-17-267
AD-641 406
FSU-STATISTICS-M121
AD-641 857
FTC-TR-66-29
AD-641 371
FTD-TT-65-1991
AD-641 649
FTD-TT-66-38
AD-641 650
FZK-287
AD-641 654
FZM-4671-1, VOL. I
N66-33497
FZM-4671-2, VOL. II
N66-33498
FZM-4671-3, VOL. III
N66-33501
GACD-6249
N66-33436
GARD-1268-81
AD-641 701
GA-6800
N66-34044
GA-7140
AD-641 725
GCA-TR-62-9-A
AD-641 899
GCA-TR-66-17-G
PB-173 433
GD/C-DBE-66-001
N66-38105
GD/C-DBE-66-001A, PT. II
N66-38798
GD/C-DBE-66-003
N66-38114
GLR-48
AD-641 900
GR-34-65
AD-236 885
GR-34-65
AD-251 107
HEL-12-3
AD-641 396
HIGHWAY ENGINEERING SER-18
PB-173 497
HIT-221
N66-38792
HIT-235
PB-173 483

5E T66 24 HCS 2.00 MFS 0.50
5E T66 24 HCS 3.00 MFS 0.75
20L T66 24 HCS 3.00 MFS 0.75
9E T66 24 HCS 2.00 MFS 0.50
17I T66 24 HCS 1.00 MFS 0.50
17I T66 24 HCS 2.00 MFS 0.50
17I T66 24 HCS 2.00 MFS 0.50
9B S04 19 HCS 5.00 MFS 1.25
9C S04 23 HCS 2.00 MFS 0.50
11F S04 23 HCS 4.00 MFS 1.00
18K S04 19 HCS 3.00 MFS 0.75
11F S04 23 HCS 4.00 MFS 1.00
22A S04 19 HCS 4.66 MFS 2.50
22A S04 19 HCS 3.00 MFS 0.75
11L T66 24 HCS 1.00 MFS 0.50
9A T66 24 HCS 4.00 MFS 0.75
7C S04 23 HCS 2.00 MFS 0.50
15E T66 24 HCS 2.00 MFS 0.50
15E T66 24 HCS 5.00 MFS 1.00
15E T66 24 HCS 5.00 MFS 1.00
15E T66 24 HCS 5.00 MFS 1.00
1C T66 24 HCS 4.00 MFS 0.75
20K T66 24
20E T66 24
19A T66 24 HCS 1.00 MFS 0.50
14B T66 24 HCS 2.00 MFS 0.50
19F U41 24 HCS 5.40
1D U41 24 HCS 23.50
20M S04 23 HCS 2.00 MFS 0.50
13E U41 24 HCS 1.00 MFS 0.50
11F U41 24 HCS 1.00 MFS 0.50
9A T66 24 HCS 3.00 MFS 0.75
12A T66 24 HCS 4.00 MFS 0.75
1A T66 24 HCS 2.00 MFS 0.50
20K T66 24 HCS 1.00 MFS 0.50
3A T66 24 HCS 3.00 MFS 0.75
6R T66 24 HCS 3.00 MFS 0.75
22B S04 19 HCS 2.00 MFS 0.50
22B S04 19 HCS 2.50 MFS 0.75
22B S04 19 HCS 3.00 MFS 1.00
20L S04 19 HCS 1.00 MFS 0.50
13H T66 24 MFS 0.75
8D S04 19 HCS 6.00 MFS 1.50
18H T66 24 HCS 4.00 MFS 1.00
20I T66 24 HCS 9.40 MFS 0.75
4B U41 24 HCS 3.00 MFS 0.75
20M S04 23 HCS 4.00 MFS 1.00
20M S04 23 HCS 3.00 MFS 0.75
20M S04 23 HCS 2.00 MFS 0.50
6E T66 24 HCS 1.00 MFS 0.50
6D U41 24 HCS 8.40
9E U41 24 HCS 1.40
20D T66 24 HCS 3.00 MFS 0.50
8H U41 24 HCS 1.00 MFS 0.50
13H S04 23 HCS 2.00 MFS 0.50
6E U41 24 HCS 3.00 MFS 0.75

HP-16
AD-641 363
IDA/HQ-66-4959
AD-641 429
IDA/HQ-66-5086
AD-641 430
IDA/HQ65-3276
AD-457 945
IDA/HQ65-3277-F
AD-465 789
IDA/HQ65-3735
AD-469 240
IDO-10047
EGG-1183-1210
IITRI-T-6144
AD-641 422
IMM NYU-352
AD-641 368
IMP-NASA-43
N66-33384
IMP-NASA-44
N66-33415
IMP-NASA-45
N66-33184
IRL-1034
N66-37825
ITTIL-66-1043
AD-641 674
I-188
AD-641 361
I-68
AD-454 575
JAERI-1052
N66-38351
JPC-489
AD-478 823
JPL-SPS-37-40, VOL. III
N66-38546
JPL-SPS-37-40, VOL. VI
N66-38506
JPL-TM-33-103
N66-38789
JPL-TM-33-256
N66-37642
JPL-TM-33-302
N66-38585
JPL-TR-32-748
N66-33718
JPL-TR-32-834
N66-32724
JPL-TR-32-899
N66-37884
JPL-TR-32-915
N66-38501
JPL-TR-32-931
N66-32725
JPL-TR-32-949
N66-33769
JPL-TR-32-975
N66-33771
JPL-TR-32-978
N66-37805
N66-38503
JPL-TR-32-982
N66-38502
JPL-TR-32-998
N66-33770
JPL-TR-32-999
N66-38504
KR-109
PB-173 472
KR-111
PB-173 478
LL-1966 3
AD-641 498
LMSC-A824787
N66-38495
LMSC/2-78-66-1
AD-641 854
LR-10
AD-641 746
LR-13
AD-641 463
LR-17910
AD-641 901
L-5344
N66-37644
MATHEMATIC DEPT-M-67
AD-641 908
MET-1100-667SA
N66-32885
MET-5/66
PB-173 394
ME-TN-242-3
N66-32884
ME-66-387-7
N66-32883
MHM-16, VOL. 1
N66-38017
ML-1227
AD-460 878
MML-3
AD-641 995
MML-4
AD-641 998
MPI-PAE/EXTRATERR.-26/66
N66-38342
MPI-PAE/EXTRATERR.-27/66
N66-38343
MPI-PAE/P1-30/66
N66-38788

20L T66 24 HCS 5.00 MFS 1.00
20I T66 24 HCS 4.00 MFS 0.75
17I T66 24 HCS 3.00 MFS 0.75
22B U41 24 HCS 3.00
22B U41 24 HCS 6.00 MFS 1.50
14A U41 24 HCS 2.00 MFS 0.50
18I U41 24 HCS 5.00 MFS 1.00
4A T66 24 HCS 2.50 MFS 0.50
12A T66 24 HCS 2.00 MFS 0.50
20M S04 19 HCS 2.00 MFS 0.50
20M S04 19 HCS 1.00 MFS 0.50
20M S04 19 HCS 3.00 MFS 0.75
6A S04 23 HCS 5.00 MFS 0.75
20F T66 24 HCS 3.00 MFS 0.75
17A T66 24 HCS 1.00 MFS 0.50
17A U41 24 HCS 2.00
18D S04 23 HCS 1.00 MFS 0.50
21M U41 24 HCS 3.00 MFS 0.75
9F S04 23 HCS 3.00 MFS 1.00
22B S04 23 HCS 2.50 MFS 0.75
7D S04 23 HCS 1.00 MFS 0.50
22B S04 23 HCS 1.00 MFS 0.50
22A S04 23 HCS 1.00 MFS 0.50
22B S04 19 HCS 4.12 MFS 0.94
22D S04 19 HCS 2.50 MFS 0.75
21M S04 23 HCS 2.50 MFS 0.75
22B S04 23 HCS 3.00 MFS 0.75
20K S04 19 HCS 2.00 MFS 0.50
7B S04 19 HCS 1.00 MFS 0.50
14B S04 19 HCS 2.00 MFS 0.50
21M S04 23 HCS 2.00 MFS 0.50
21M S04 23 HCS 2.00 MFS 0.50
20D S04 23 HCS 2.00 MFS 0.50
3A S04 19 HCS 2.50 MFS 0.50
12A S04 23 HCS 1.00 MFS 0.50
1B U41 24 HCS 12.60 MFS 0.75
18F U41 24 HCS 3.00 MFS 0.75
20L T66 24 HCS 3.00 MFS 0.75
22B S04 23 HCS 3.75 MFS 1.50
20I T66 24 HCS 2.00 MFS 0.50
18H T66 24 HCS 2.00 MFS 0.50
20H T66 24 HCS 2.00 MFS 0.50
20D T66 24 HCS 5.00 MFS 1.00
14B S04 23 HCS 2.50 MFS 0.75
20J T66 24 HCS 2.00 MFS 0.50
11F S04 19 HCS 2.00 MFS 0.50
7E U41 24 HCS 1.00 MFS 0.50
20M S04 19 HCS 2.50 MFS 0.75
13K S04 19 HCS 2.50 MFS 0.75
14B S04 23 HCS 6.00 MFS 1.50
20E U41 24 HCS 2.00
11F T66 24 HCS 2.00 MFS 0.50
11F T66 24 HCS 2.00 MFS 0.50
20I S04 23 HCS 2.00 MFS 0.50
4A S04 23 HCS 2.00 MFS 0.50
20F S04 23 HCS 1.00 MFS 0.50

MPL-4
AD-641 615 5J T66 24 HCS 2.00 MFS 0.50
MSRR-83
AD-641 322 12A T66 24 HCS 1.00 MFS 0.50
MSRR-85
AD-641 438 5A T66 24 HCS 2.00 MFS 0.50
MTI-66T450
AD-641 369 11H T66 24 HCS 1.00 MFS 0.50
MTR-264
AD-641 658 9E T66 24 HCS 2.00 MFS 0.50
MTR-265-PT-15
AD-641 926 9E T66 24 HCS 3.00 MFS 0.75
M64-341
AD-454 676 21D U41 24 HCS 12.40
NACA-RM-A54J13
N66-34083 1D S04 19 HCS 2.00 MFS 0.50
NACA-RM-A56C08
N66-34081 1B S04 19 HCS 2.50 MFS 0.75
NACA-RM-A56C12
N66-33349 1A S04 19 HCS 3.25 MFS 1.25
NACA-RM-A56111
N66-33312 1A S04 19 HCS 3.00 MFS 0.50
NACA-RM-A58B04
N66-33343 1A S04 19 HCS 2.50 MFS 0.75
NACA-RM-A58E17
N66-33311 1D S04 19 HCS 3.00 MFS 0.75
NACA-RM-E57C12A
N66-33339 1A S04 19 HCS 2.00 MFS 0.50
NACA-RM-E58C18
N66-33309 21I S04 19 HCS 2.00 MFS 0.50
NACA-RM-L55E10A
N66-33314 1B S04 19 HCS 1.00 MFS 0.50
NACA-RM-L56E23A
N66-34088 1C S04 19 HCS 2.00 MFS 0.50
NACA-RM-L56L28
N66-33313 1A S04 19 HCS 2.00 MFS 0.50
NACA-RM-L57D04
N66-33310 1A S04 19 HCS 2.00 MFS 0.50
NACA-RM-L57H07
N66-34079 1A S04 19 HCS 2.00 MFS 0.50
NACA-RM-L58B17
N66-33335 20M S04 19 HCS 1.00 MFS 0.50
NACA-RM-L58C25
N66-33331 1A S04 19 HCS 2.50 MFS 0.50
NAMC-AML-1137
AD-641 662 11F T66 24 HCS 2.60 MFS 0.50
NAMC-AML-1253
AD-641 663 7D T66 24 HCS 3.60 MFS 0.90
NAMI-972
N66-38729 6S S04 23 HCS 1.00 MFS 0.50
N66-38793 6C S04 23 HCS 1.00 MFS 0.50
NAMI-981
AD-641 656 6C T66 24 HCS 1.00 MFS 0.50
NAMRU-2-TR-246
AD-642 883 6E T66 24
NASA CR-78437
N66-37944 14B S04 23 HCS 2.00 MFS 0.50
NASA CR-78438
N66-37943 14B S04 23 HCS 7.00 MFS 2.00
NASA CR-78450
N66-37945 7C S04 23 HCS 2.00 MFS 0.50
NASA CR-78451
N66-37927 12A S04 23 HCS 1.00 MFS 0.50
NASA-CR-517
N66-32958 13H S04 19 HCS 2.00 MFS 0.50
NASA-CR-518
N66-33464 11D S04 19 HCS 3.00 MFS 0.75
NASA-CR-527
N66-33458 17G S04 19 HCS 3.00 MFS 0.75
NASA-CR-529
N66-33023 11F S04 19 HCS 2.00 MFS 0.50
NASA-CR-532
N66-33981 5H S04 19 HCS 5.00 MFS 0.75
NASA-CR-534
N66-33459 6B S04 19 HCS 2.00 MFS 0.50
NASA-CR-538
N66-33824 20K S04 19 HCS 2.00 MFS 0.50
NASA-CR-539
N66-32959 5H S04 19 HCS 3.00 MFS 0.75
NASA-CR-542
N66-33461 5H S04 19 HCS 2.00 MFS 0.50
NASA-CR-54313
N66-32922 13I S04 19 HCS 3.00 MFS 1.00
NASA-CR-54356
N66-32924 13H S04 19 HCS 3.75 MFS 1.25
NASA-CR-54432
N66-37643 21C S04 23 HCS 3.00 MFS 0.75
NASA-CR-54535
N66-38147 11F S04 23 HCS 4.00 MFS 1.00
NASA-CR-54648
N66-38755 11F S04 23 HCS 2.00 MFS 0.50
NASA-CR-54692
N66-38759 18A S04 23 HCS 3.00 MFS 0.75
NASA-CR-54814
N66-38757 13H S04 23 HCS 2.50 MFS 0.75
NASA-CR-549
N66-33025 20K S04 19 HCS 2.00 MFS 0.50
NASA-CR-54961
N66-33977 13H S04 19 HCS 2.50 MFS 0.75
NASA-CR-54972
N66-33975 18B S04 19 HCS 5.54 MFS 2.50
NASA-CR-54978
N66-32923 21H S04 19 HCS 3.75 MFS 1.25
NASA-CR-54998
N66-38146 14B S04 23 HCS 2.00 MFS 0.50
NASA-CR-550
N66-33460 20K S04 19 HCS 3.00 MFS 0.75
NASA-CR-55039
N66-32716 9A S04 19 HCS 1.00 MFS 0.50
NASA-CR-553
N66-33982 20M S04 19 HCS 2.00 MFS 0.50
NASA-CR-555
N66-33462 12A S04 19 HCS 2.00 MFS 0.50
NASA-CR-558
N66-33465 20K S04 19 HCS 2.00 MFS 0.50
NASA-CR-562
N66-38751 5H S04 23 HCS 6.00 MFS 3.00
NASA-CR-564
N66-37775 6P S04 23 HCS 3.00 MFS 1.00
NASA-CR-565
N66-33463 21C S04 19 HCS 2.00 MFS 0.50
NASA-CR-575
N66-38145 20M S04 23 HCS 3.00 MFS 1.00
NASA-CR-577
N66-37776 6P S04 23 HCS 4.25 MFS 2.00
NASA-CR-57826
N66-33178 9A S04 19 HCS 4.00 MFS 0.75
NASA-CR-581
N66-38428 4B S04 23 HCS 2.00 MFS 0.50
NASA-CR-59449
N66-33367 7D S04 19 HCS 2.00 MFS 0.50
NASA-CR-59458
N66-33168 7D S04 19 HCS 3.00 MFS 0.75
NASA-CR-59516
N66-33385 20J S04 19 HCS 1.00 MFS 0.50
NASA-CR-59559
N66-33413 20H S04 19 HCS 1.00 MFS 0.50
NASA-CR-59567
N66-33175 20H S04 19 HCS 1.00 MFS 0.50
NASA-CR-59569
N66-33409 20N S04 19 HCS 2.50 MFS 0.50
NASA-CR-59588
N66-33181 17B S04 19 HCS 2.00 MFS 0.50
NASA-CR-59602
N66-33418 11F S04 19 HCS 1.00 MFS 0.50
NASA-CR-59629
N66-33383 20N S04 19 HCS 1.00 MFS 0.50
NASA-CR-59648
N66-32704 9C S04 19 HCS 1.00 MFS 0.50
NASA-CR-59676
N66-33380 20J S04 19 HCS 2.00 MFS 0.50
NASA-CR-59677
N66-33174 20J S04 19 HCS 1.00 MFS 0.50
NASA-CR-59726
N66-33420 20J S04 19 HCS 1.00 MFS 0.50
NASA-CR-59734
N66-33376 6A S04 19 HCS 1.00 MFS 0.50
NASA-CR-59801
N66-33417 6C S04 19 HCS 1.00 MFS 0.50
NASA-CR-59809
N66-33411 20E S04 19 HCS 2.00 MFS 0.50
NASA-CR-59810
N66-33416 9B S04 19 HCS 1.00 MFS 0.50
NASA-CR-59820
N66-33372 20E S04 19 HCS 1.00 MFS 0.50
NASA-CR-59822
N66-33384 20H S04 19 HCS 2.00 MFS 0.50
NASA-CR-59898
N66-33366 9F S04 19 HCS 2.00 MFS 0.50
NASA-CR-59932
N66-33422 5F S04 19 HCS 1.00 MFS 0.50
NASA-CR-59933
N66-33185 11B S04 19 HCS 1.00 MFS 0.50
NASA-CR-59934
N66-33377 20F S04 19 HCS 1.00 MFS 0.50
NASA-CR-59938
N66-33414 3B S04 19 HCS 1.00 MFS 0.50
NASA-CR-59939
N66-33415 20H S04 19 HCS 1.00 MFS 0.50
NASA-CR-59942
N66-33173 6A S04 19 HCS 2.00 MFS 0.50
NASA-CR-59967
N66-33382 6A S04 19 HCS 3.00 MFS 0.75
NASA-CR-59973
N66-33184 20H S04 19 HCS 3.00 MFS 0.75
NASA-CR-60042
N66-32723 20H S04 19 HCS 1.00 MFS 0.50
NASA-CR-60078
N66-33374 6A S04 19 HCS 1.00 MFS 0.50
NASA-CR-60083
N66-33179 9A S04 19 HCS 1.00 MFS 0.50
NASA-CR-60258
N66-37812 3B S04 23 HCS 1.00 MFS 0.50
NASA-CR-603
N66-38421 1A S04 23 HCS 2.50 MFS 0.75
NASA-CR-618
N66-38802 4A S04 23 HCS 2.50 MFS 0.75
NASA-CR-62033
N66-34085 5B S04 19 HCS 3.25 MFS 1.00
NASA-CR-621
N66-38422 20M S04 23 HCS 1.00 MFS 0.50
NASA-CR-624
N66-38423 9F S04 23 HCS 2.00 MFS 0.50
NASA-CR-62481
N66-33375 20K S04 19 HCS 2.00 MFS 0.50
NASA-CR-62579
N66-33760 4B S04 19 HCS 2.00 MFS 0.50
NASA-CR-626
N66-38424 1A S04 23 HCS 2.50 MFS 0.75
NASA-CR-627
N66-38803 3B S04 23 HCS 2.50 MFS 0.75
NASA-CR-631
N66-38425 1B S04 23 HCS 2.50 MFS 0.50
NASA-CR-632
N66-38792 20K S04 23 HCS 1.00 MFS 0.50
NASA-CR-634
N66-38804 1A S04 23 HCS 2.50 MFS 0.75
NASA-CR-63431
N66-33188 20M S04 19 HCS 3.00 MFS 0.75
NASA-CR-635
N66-38805 1B S04 23 HCS 2.50 MFS 0.75
NASA-CR-63841

N66-32705	22B S04 19 HC$ 3.00 MF$ 0.75	N66-38490	10A S04 23 HC$ 2.50 MF$ 0.50
NASA-CR-64059	20F S04 19 HC$ 2.00 MF$ 0.50	NASA-CR-73031	7A S04 23 HC$ 4.00 MF$ 1.00
N66-33178	22B S04 19 HC$ 2.00 MF$ 0.50	N66-38086	20M S04 19 HC$ 4.00 MF$ 0.75
NASA-CR-6443	4A S04 19 HC$ 5.00 MF$ 1.25	NASA-CR-75148	13M S04 23 HC$ 3.00 MF$ 0.75
N66-33497	20D S04 19 HC$ 2.50 MF$ 0.75	N66-33408	9A S04 19 HC$ 3.00 MF$ 0.75
NASA-CR-65217	20D S04 19 HC$ 2.50 MF$ 0.50	NASA-CR-76361	4B S04 19 HC$ 2.00 MF$ 0.50
N66-33431	5E S04 19 HC$ 2.50 MF$ 0.50	N66-38744	18D S04 19 HC$ 2.00 MF$ 0.50
NASA-CR-65433	21B S04 19 HC$ 2.00 MF$ 0.50	NASA-CR-76570	22A S04 19 HC$ 3.00 MF$ 0.75
N66-33495	22B S04 19 HC$ 2.50 MF$ 0.75	N66-33390	22A S04 19 HC$ 4.66 MF$ 2.50
NASA-CR-65434	22B S04 19 HC$ 3.00 MF$ 1.00	NASA-CR-76571	11F S04 19 HC$ 1.00 MF$ 0.50
N66-33713	11A S04 19 HC$ 2.00 MF$ 0.50	N66-33391	4A S04 19 HC$ 1.00 MF$ 0.50
NASA-CR-65441	7A S04 19 HC$ 3.75 MF$ 1.50	NASA-CR-76644	18K S04 19 HC$ 3.00 MF$ 0.75
N66-33717	22C S04 19 HC$ 2.00 MF$ 0.50	N66-32698	21I S04 19 HC$ 2.00 MF$ 0.50
NASA-CR-65442	14B S04 23 HC$ 2.00 MF$ 0.50	NASA-CR-76720	11F S04 19 HC$ 2.00 MF$ 0.50
N66-33714	14B S04 23 HC$ 2.00 MF$ 0.50	N66-32961	13K S04 19 HC$ 2.50 MF$ 0.75
NASA-CR-65446	6B S04 23 HC$ 2.00 MF$ 0.50	NASA-CR-76721	20M S04 19 HC$ 2.50 MF$ 0.75
N66-33490	6B S04 23 HC$ 4.25 MF$ 2.00	N66-32960	20M S04 19 HC$ 2.00 MF$ 0.50
NASA-CR-65447	6B S04 23 HC$ 4.25 MF$ 2.00	NASA-CR-76856	20I S04 19 HC$ 1.00 MF$ 0.50
N66-33501	6B S04 23 HC$ 4.25 MF$ 2.00	N66-33432	9A S04 19 HC$ 2.00 MF$ 0.50
NASA-CR-65448	6B S04 23 HC$ 2.50 MF$ 0.50	NASA-CR-76857	9A S04 19 HC$ 2.00 MF$ 0.50
N66-33493	14B S04 23 HC$ 3.00 MF$ 1.00	N66-33443	5M S04 19 HC$ 3.75 MF$ 1.25
NASA-CR-65450	5E S04 19 HC$ 5.00 MF$ 1.00	NASA-CR-76860	17I S04 19 HC$ 2.50 MF$ 0.50
N66-33499	21H S04 19 HC$ 2.50 MF$ 0.75	N66-33434	20D S04 19 HC$ 2.50 MF$ 0.75
NASA-CR-66046	13K S04 19 HC$ 3.00 MF$ 1.00	NASA-CR-76861	20K S04 19 HC$ 2.00 MF$ 0.50
N66-33979	17G S04 19 HC$ 3.25 MF$ 1.25	N66-33433	20E S04 19 HC$ 3.00 MF$ 0.75
NASA-CR-66115	14E S04 23 HC$ 3.25 MF$ 1.00	NASA-CR-76865	8B S04 19 HC$ 2.00 MF$ 0.50
N66-38494	9F S04 19 HC$ 2.00 MF$ 0.50	N66-32805	9A S04 19 HC$ 1.00 MF$ 0.50
N66-38794	14B S04 23 HC$ 2.50 MF$ 0.75	NASA-CR-76866	20K S04 19 HC$ 3.25 MF$ 1.25
NASA-CR-66116	28A S04 23 HC$ 2.50 MF$ 0.50	N66-32803	11F S04 19 HC$ 1.00 MF$ 0.50
N66-38795	14B S04 23 HC$ 2.50 MF$ 0.75	NASA-CR-76867	20M S04 19 HC$ 2.50 MF$ 0.75
NASA-CR-66117	5H S04 23 HC$ 3.25 MF$ 1.25	N66-32804	13H S04 19 HC$ 2.00 MF$ 0.50
N66-38796	22B S04 23 HC$ 3.75 MF$ 1.50	NASA-CR-76878	12A S04 19 HC$ 2.50 MF$ 0.50
NASA-CR-66118	11F S04 23 HC$ 2.50 MF$ 0.75	N66-32762	14B S04 19 HC$ 2.50 MF$ 0.75
N66-38797	20H S04 23 HC$ 2.00 MF$ 0.50	NASA-CR-76879	22A S04 19 HC$ 1.00 MF$ 0.50
NASA-CR-66119	9A S04 23 HC$ 2.00 MF$ 0.50	N66-32764	22C S04 19 HC$ 2.00 MF$ 0.50
N66-38798	20K S04 19 HC$ 2.00 MF$ 0.50	NASA-CR-76882	20M S04 19 HC$ 5.65 MF$ 2.50
NASA-CR-66120	20M S04 19 HC$ 2.50 MF$ 0.75	N66-32765	28M S04 19 HC$ 4.25 MF$ 2.00
N66-38799	6A S04 23 HC$ 5.00 MF$ 0.75	NASA-CR-76883	13M S04 19 HC$ 2.00 MF$ 0.50
NASA-CR-66148	20H S04 19 HC$ 3.00 MF$ 0.75	N66-32763	13I S04 19 HC$ 4.00 MF$ 0.75
N66-38688	20F S04 23 HC$ 2.00 MF$ 0.50	NASA-CR-76889	6T S04 19 HC$ 2.00 MF$ 0.50
NASA-CR-66150	20K S04 23 HC$ 2.00 MF$ 0.50	N66-32880	20M S04 19 HC$ 1.00 MF$ 0.50
N66-33198	14B S04 23 HC$ 2.00 MF$ 0.50	NASA-CR-76890	7D S04 19 HC$ 1.00 MF$ 0.50
NASA-CR-66155	22B S04 19 HC$ 2.00 MF$ 0.50	N66-32761	9C S04 19 HC$ 3.00 MF$ 0.50
N66-33496	9A S04 23 HC$ 2.00 MF$ 0.50	NASA-CR-76891	3A S04 19 HC$ 3.00 MF$ 0.75
NASA-CR-66156	20K S04 19 HC$ 2.00 MF$ 0.50	N66-32724	22A S04 19 HC$ 1.00 MF$ 0.50
N66-33494	20M S04 19 HC$ 2.50 MF$ 0.75	NASA-CR-76892	9F S04 19 HC$ 2.00 MF$ 0.50
NASA-CR-66157	4A S04 19 HC$ 5.00 MF$ 1.00	N66-32725	22B S04 19 HC$ 1.00 MF$ 0.50
N66-33492	11F S04 23 HC$ 2.50 MF$ 0.75	NASA-CR-76893	20K S04 19 HC$ 1.00 MF$ 0.50
NASA-CR-66158	20H S04 23 HC$ 2.00 MF$ 0.50	N66-32757	22C S04 19 HC$ 2.00 MF$ 0.50
N66-38492	9A S04 23 HC$ 2.00 MF$ 0.50	NASA-CR-76895	20M S04 19 HC$ 5.65 MF$ 2.50
NASA-CR-66161	20K S04 19 HC$ 2.00 MF$ 0.50	N66-32758	28M S04 19 HC$ 4.25 MF$ 2.00
N66-33974	20M S04 19 HC$ 2.50 MF$ 0.75	NASA-CR-76899	13M S04 19 HC$ 2.00 MF$ 0.50
NASA-CR-66164	6A S04 23 HC$ 5.00 MF$ 0.75	N66-32756	13I S04 19 HC$ 4.00 MF$ 0.75
N66-37644	20H S04 19 HC$ 3.00 MF$ 0.75	NASA-CR-76917	6T S04 19 HC$ 2.00 MF$ 0.50
NASA-CR-66169	20F S04 23 HC$ 2.00 MF$ 0.50	N66-33572	20M S04 19 HC$ 1.00 MF$ 0.50
N66-38754	20K S04 23 HC$ 2.00 MF$ 0.50	NASA-CR-76920	7D S04 19 HC$ 1.00 MF$ 0.50
NASA-CR-66176	14B S04 23 HC$ 2.00 MF$ 0.50	N66-32795	9C S04 19 HC$ 3.00 MF$ 0.50
N66-38493	22B S04 19 HC$ 2.00 MF$ 0.50	NASA-CR-76925	3A S04 19 HC$ 3.00 MF$ 0.75
NASA-CR-66186	4A S04 19 HC$ 2.50 MF$ 0.75	N66-32786	22A S04 19 HC$ 1.00 MF$ 0.50
N66-38756	11F S04 19 HC$ 3.00 MF$ 1.00	NASA-CR-76933	9F S04 19 HC$ 2.00 MF$ 0.50
NASA-CR-66196	13H S04 23 HC$ 3.75 MF$ 1.75	N66-32787	22B S04 19 HC$ 1.00 MF$ 0.50
N66-38495	9A S04 19 HC$ 2.50 MF$ 0.75	NASA-CR-76940	20K S04 19 HC$ 1.00 MF$ 0.50
NASA-CR-66197	13K S04 19 HC$ 2.00 MF$ 0.50	N66-33573	12A S04 19 HC$ 2.00 MF$ 0.50
N66-38498	11F S04 19 HC$ 2.00 MF$ 0.50	NASA-CR-76941	12A S04 19 HC$ 2.00 MF$ 0.50
NASA-CR-66202	20M S04 19 HC$ 2.00 MF$ 0.50	N66-32788	10A S04 19 HC$ 1.00 MF$ 0.50
N66-38758	14B S04 23 HC$ 2.00 MF$ 0.50	NASA-CR-76987	11F S04 19 HC$ 2.00 MF$ 0.50
NASA-CR-66203	22B S04 19 HC$ 2.00 MF$ 0.50	N66-32760	11F S04 19 HC$ 1.00 MF$ 0.50
N66-38753	4A S04 19 HC$ 2.50 MF$ 0.75	NASA-CR-76990	6P S04 19 HC$ 3.00 MF$ 0.50
NASA-CR-67184	11F S04 19 HC$ 3.00 MF$ 1.00	N66-32759	20L S04 19 HC$ 1.00 MF$ 0.50
N66-33381	13H S04 23 HC$ 3.75 MF$ 1.75	NASA-CR-76991	6B S04 19 HC$ 2.00 MF$ 0.50
NASA-CR-67510	9A S04 19 HC$ 2.50 MF$ 0.75	N66-32726	
N66-32715	13K S04 19 HC$ 2.00 MF$ 0.50	NASA-CR-76992	
NASA-CR-67926	11F S04 19 HC$ 2.00 MF$ 0.50	N66-32766	
N66-37825	14B S04 23 HC$ 2.00 MF$ 0.50	NASA-CR-76996	
NASA-CR-68147	22B S04 19 HC$ 2.00 MF$ 0.50	N66-32965	
N66-32717	4A S04 19 HC$ 2.50 MF$ 0.75	NASA-CR-76997	
NASA-CR-68258	11F S04 19 HC$ 3.00 MF$ 1.00	N66-32962	
N66-38363	13H S04 23 HC$ 3.75 MF$ 1.75	NASA-CR-76999	
NASA-CR-68613	9A S04 19 HC$ 2.50 MF$ 0.75	N66-32963	
N66-38362	13K S04 19 HC$ 2.00 MF$ 0.50	NASA-CR-77000	
NASA-CR-68653	11F S04 19 HC$ 2.00 MF$ 0.50	N66-32964	
N66-38361	14B S04 23 HC$ 2.50 MF$ 0.50	NASA-CR-77001	
NASA-CR-70499	7E S04 23 HC$ 3.00 MF$ 1.00	N66-33392	
N66-33407	10C S04 23 HC$ 2.50 MF$ 0.75	NASA-CR-77002	
NASA-CR-71708	13I S04 23 HC$ 2.00 MF$ 0.50	N66-33393	
N66-32722	20I S04 23 HC$ 3.00 MF$ 0.75	NASA-CR-77004	
NASA-CR-72011	10C S04 23 HC$ 2.50 MF$ 0.50	N66-33394	
N66-33504	6K S04 23 HC$ 3.25 MF$ 1.25	NASA-CR-77006	
NASA-CR-72012		N66-33395	
N66-38500		NASA-CR-77009	
NASA-CR-72014		N66-33396	
N66-33505		NASA-CR-77010	
NASA-CR-72023		N66-33397	
N66-33498		NASA-CR-77014	
NASA-CR-72029		N66-33400	
N66-33976		NASA-CR-77019	
NASA-CR-72055		N66-33402	
N66-38106		NASA-CR-77022	
NASA-CR-72070		N66-33401	
N66-38496		NASA-CR-77027	
NASA-CR-72071		N66-33403	
N66-37685		NASA-CR-77029	
NASA-CR-72072		N66-33405	
N66-38491		NASA-CR-77030	
NASA-CR-72076		N66-33404	
N66-38497		NASA-CR-77032	
NASA-CR-72084		N66-33444	
N66-37800		NASA-CR-77037	
NASA-CR-72086		N66-33386	
N66-38499		NASA-CR-77039	
NASA-CR-72092		N66-33387	

NAS-NAS

NASA-CR-77042
N66-33388 10A S04 19 HC$ 2.00 MF$ 0.50

NASA-CR-77043
N66-33389 20H S04 19 HC$ 2.00 MF$ 0.50

NASA-CR-77045
N66-33438 12A S04 19 HC$ 1.00 MF$ 0.50

NASA-CR-77048
N66-33437 1B S04 19 HC$ 1.00 MF$ 0.50

NASA-CR-77049
N66-33442 8G S04 19 HC$ 2.00 MF$ 0.50

NASA-CR-77050
N66-33441 9B S04 19 HC$ 5.00 MF$ 1.25

NASA-CR-77051
N66-33440 20I S04 19 HC$ 2.00 MF$ 0.50

NASA-CR-77053
N66-33436 28L S04 19 HC$ 1.00 MF$ 0.50

NASA-CR-77054
N66-33435 9A S04 19 HC$ 1.00 MF$ 0.50

NASA-CR-77063
N66-33399 3A S04 19 HC$ 4.00 MF$ 1.00

NASA-CR-77064
N66-33445 5J S04 19 HC$ 1.00 MF$ 0.50

NASA-CR-77065
N66-33541 21H S04 19 HC$ 3.75 MF$ 1.50

NASA-CR-77079
N66-34074 20I S04 19 HC$ 1.00 MF$ 0.50

NASA-CR-77082
N66-34073 20H S04 19 HC$ 1.00 MF$ 0.50

NASA-CR-77084
N66-34075 12A S04 19 HC$ 2.00 MF$ 0.50

NASA-CR-77089
N66-33771 14B S04 19 HC$ 2.00 MF$ 0.50

NASA-CR-77093
N66-34071 20D S04 19 HC$ 1.00 MF$ 0.50

NASA-CR-77100
N66-34072 6F S04 19 HC$ 1.00 MF$ 0.50

NASA-CR-77101
N66-34070 22B S04 19 HC$ 2.00 MF$ 0.50

NASA-CR-77105
N66-34069 5K S04 19 HC$ 1.00 MF$ 0.50

NASA-CR-77106
N66-34068 28L S04 19 HC$ 1.00 MF$ 0.50

NASA-CR-77108
N66-34067 28J S04 19 HC$ 2.00 MF$ 0.50

NASA-CR-77110
N66-33718 22B S04 19 HC$ 6.12 MF$ 6.54

NASA-CR-77114
N66-34066 13H S04 19 HC$ 4.00 MF$ 0.75

NASA-CR-77116
N66-33770 3A S04 19 HC$ 2.50 MF$ 0.50

NASA-CR-77117
N66-33769 7B S04 19 HC$ 1.00 MF$ 0.50

NASA-CR-77120
N66-34076 28I S04 19 HC$ 2.00 MF$ 0.50

NASA-CR-77126
N66-34045 21H S04 19 HC$ 4.00 MF$ 1.00

NASA-CR-77133
N66-34042 21H S04 19 HC$ 3.00 MF$ 0.75

NASA-CR-77137
N66-34043 20I S04 19 HC$ 3.00 MF$ 0.75

NASA-CR-77139
N66-34044 8D S04 19 HC$ 6.00 MF$ 1.50

NASA-CR-77252
N66-34046 13H S04 19 HC$ 1.00 MF$ 0.50

NASA-CR-78429
N66-38105 20H S04 23 HC$ 4.00 MF$ 1.00

NASA-CR-78430
N66-38114 20H S04 23 HC$ 2.00 MF$ 0.50

NASA-CR-78431
N66-37642 22B S04 23 HC$ 1.00 MF$ 0.50

NASA-CR-78433
N66-38115 5H S04 23 HC$ 1.00 MF$ 0.50

NASA-CR-78434
N66-37901 9C S04 23 HC$ 2.00 MF$ 0.50

NASA-CR-78435
N66-37894 6A S04 23 HC$ 1.00 MF$ 0.50

NASA-CR-78436
N66-38546 9F S04 23 HC$ 3.00 MF$ 1.00

NASA-CR-78439
N66-37804 21H S04 23 HC$ 2.50 MF$ 0.75

NASA-CR-78440
N66-37805 21H S04 23 HC$ 2.00 MF$ 0.50

NASA-CR-78442
N66-38104 13E S04 23 HC$ 7.85 MF$ 2.50

NASA-CR-78444
N66-37998 4X S04 23 HC$ 4.00 MF$ 0.75

NASA-CR-78445
N66-37904 7D S04 23 HC$ 1.00 MF$ 0.50

NASA-CR-78446
N66-37905 14B S04 23 HC$ 3.00 MF$ 0.75

NASA-CR-78463
N66-38714 14D S04 23 HC$ 1.00 MF$ 0.50

NASA-CR-78465
N66-38713 18D S04 23 HC$ 3.00 MF$ 0.75

NASA-CR-78466
N66-38712 3B S04 23 HC$ 4.00 MF$ 1.25

NASA-CR-78473
N66-38711 9F S04 23 HC$ 1.00 MF$ 0.50

NASA-CR-78481
N66-38710 20I S04 23 HC$ 2.00 MF$ 0.50

NASA-CR-78485
N66-38722 4A S04 23 HC$ 2.00 MF$ 0.50

NASA-CR-78487
N66-38721 5I S04 23 HC$ 3.00 MF$ 0.75

NASA-CR-78492
N66-38720 9B S04 23 HC$ 3.00 MF$ 0.75

NASA-CR-78493
N66-38719 28K S04 23 HC$ 2.00 MF$ 0.50

NASA-CR-78494
N66-38718 6S S04 23 HC$ 1.00 MF$ 0.50

NASA-CR-78502
N66-38717 4B S04 23 HC$ 1.00 MF$ 0.50

NASA-CR-78503
N66-38709 3B S04 23 HC$ 2.00 MF$ 0.50

NASA-CR-78504
N66-38708 9B S04 23 HC$ 2.00 MF$ 0.50

NASA-CR-78511
N66-38705 5J S04 23 HC$ 1.00 MF$ 0.50

NASA-CR-78512
N66-38707 17I S04 23 HC$ 3.00 MF$ 0.75

NASA-CR-78517
N66-38706 10C S04 23 HC$ 1.00 MF$ 0.50

NASA-CR-78518
N66-38725 14B S04 23 HC$ 5.00 MF$ 1.25

NASA-CR-78526
N66-38715 4B S04 23 HC$ 1.00 MF$ 0.50

NASA-CR-78537
N66-38730 20H S04 23 HC$ 1.00 MF$ 0.50

NASA-CR-78538
N66-38731 12A S04 23 HC$ 5.00 MF$ 1.25

NASA-CR-78539
N66-38729 6S S04 23 HC$ 1.00 MF$ 0.50

NASA-CR-78540
N66-38726 5B S04 23 HC$ 1.00 MF$ 0.50

NASA-CR-78541
N66-38728 20M S04 23 HC$ 3.00 MF$ 0.75

NASA-CR-78548
N66-38503 21H S04 23 HC$ 2.00 MF$ 0.50

NASA-CR-78549
N66-38501 22B S04 23 HC$ 3.00 MF$ 0.75

NASA-CR-78550
N66-38502 20D S04 23 HC$ 2.00 MF$ 0.50

NASA-CR-78551
N66-38505 22A S04 23 HC$ 1.00 MF$ 0.50

NASA-CR-78552
N66-38506 22B S04 23 HC$ 2.50 MF$ 0.75

NASA-CR-78553
N66-38504 12A S04 23 HC$ 1.00 MF$ 0.50

NASA-CR-78556
N66-38727 1A S04 23 HC$ 3.00 MF$ 0.75

NASA-CR-78591
N66-38787 9F S04 23 HC$ 3.00 MF$ 0.75

NASA-CR-78593
N66-38789 7D S04 23 HC$ 1.00 MF$ 0.50

NASA-CR-78594
N66-38788 10C S04 23 HC$ 5.00 MF$ 1.25

NASA-CR-78595
N66-38790 20M S04 23 HC$ 3.00 MF$ 0.75

NASA-CR-78597
N66-38791 11F S04 23 HC$ 2.00 MF$ 0.50

NASA-CR-78598
N66-38792 13H S04 23 HC$ 2.00 MF$ 0.50

NASA-CR-78599
N66-38192 6M S04 23 HC$ 7.00 MF$ 2.00

NASA-CR-78660
N66-38793 6C S04 23 HC$ 1.00 MF$ 0.50

NASA-MEMO-1-23-59E
N66-33332 21H S04 19 HC$ 1.00 MF$ 0.50

NASA-MEMO-10-16-58L
N66-34084 1D S04 19 HC$ 2.00 MF$ 0.50

NASA-MEMO-10-7-58L
N66-34078 1B S04 19 HC$ 2.50 MF$ 0.75

NASA-MEMO-10-8-58E
N66-33308 20M S04 19 HC$ 1.00 MF$ 0.50

NASA-MEMO-12-14-58L
N66-34082 1D S04 19 HC$ 3.00 MF$ 1.00

NASA-MEMO-4-14-59L
N66-33358 20K S04 19 HC$ 2.00 MF$ 0.50

NASA-SP-109
N66-33540 22B S04 19 HC$ 3.00 MF$ 0.75

NASA-SP-124
N66-38138 1B S04 23 HC$ 1.00 MF$ 0.50
N66-38407 1A S04 23 HC$ 1.00 MF$ 0.50

NASA-SP-3027
N66-33197 4A S04 19 HC$ 5.50 MF$ 2.50

NASA-SP-3028
N66-33075 22B S04 19 HC$ 6.00 MF$ 4.75

NASA-SP-3035
N66-37802 21B S04 23 HC$ 2.50 MF$ 0.75

NASA-SP-5041
N66-32925 6B S04 19 HC$ 2.00 MF$ 0.50

NASA-SP-6008
N66-33076 22B S04 19 HC$ 3.75 MF$ 1.50

NASA-SP-7011/26/
N66-33446 6S S04 19 HC$ 1.00 MF$ 1.25

NASA-TM-X-1247
N66-33486 1A S04 19 HC$ 1.00 MF$ 0.50

NASA-TM-X-1269
N66-33487 7D S04 19 HC$ 1.00 MF$ 0.50

NASA-TM-X-1279
N66-38489 22A S04 23 HC$ 2.50 MF$ 0.50

NASA-TM-X-1292
N66-37683 18N S04 23 HC$ 1.00 MF$ 0.50

NASA-TM-X-1294
N66-37684 20I S04 23 HC$ 1.00 MF$ 0.50

NASA-TM-X-146
N66-33341 21E S04 19 HC$ 2.00 MF$ 0.50

NASA-TM-X-160
N66-33315 1D S04 19 HC$ 2.00 MF$ 0.50

NASA-TM-X-162
N66-33340 1A S04 19 HC$ 3.00 MF$ 0.75

NASA-TM-X-216
N66-33347 1A S04 19 HC$ 2.00 MF$ 0.50

NASA-TM-X-219
N66-33321 1A S04 19 HC$ 3.00 MF$ 0.50

NASA-TM-X-236
N66-33320 1D S04 19 HC$ 3.00 MF$ 0.75

NASA-TM-X-250
N66-33346 21H S04 19 HC$ 2.00 MF$ 0.50

NASA-TM-X-253
N66-33344 21H S04 19 HC$ 2.00 MF$ 0.50

NASA-TM-X-276

N66-33337
22C S04 19 HC$ 1.00 MF$ 0.50
NASA-TM-X-295
N66-33317
1D S04 19 HC$ 2.00 MF$ 0.50
NASA-TM-X-303
N66-33319
1D S04 19 HC$ 3.00 MF$ 0.75
NASA-TM-X-360
N66-33338
1A S04 19 HC$ 1.00 MF$ 0.50
NASA-TM-X-387
N66-33348
21H S04 19 HC$ 2.00 MF$ 0.50
NASA-TM-X-436
N66-33336
1A S04 19 HC$ 1.00 MF$ 0.50
NASA-TM-X-442
N66-33328
1A S04 19 HC$ 2.00 MF$ 0.50
NASA-TM-X-447
N66-33329
1A S04 19 HC$ 2.00 MF$ 0.50
NASA-TM-X-455
N66-33306
1A S04 19 HC$ 2.00 MF$ 0.50
NASA-TM-X-485
N66-33333
21H S04 19 HC$ 2.00 MF$ 0.50
NASA-TM-X-509
N66-33322
20H S04 19 HC$ 2.00 MF$ 0.50
NASA-TM-X-52115
N66-37811
20C S04 23 HC$ 1.00 MF$ 0.50
NASA-TM-X-53341
N66-37813
9B S04 23 HC$ 1.00 MF$ 0.50
NASA-TM-X-53453
N66-33538
13H S04 19 HC$ 3.00 MF$ 1.00
NASA-TM-X-53468
N66-33539
14B S04 19 HC$ 2.50 MF$ 0.50
NASA-TM-X-53495
N66-33537
12A S04 19 HC$ 1.00 MF$ 0.50
NASA-TM-X-53501
N66-38487
1A S04 23 HC$ 2.00 MF$ 0.50
NASA-TM-X-53503
N66-37803
5B S04 23 HC$ 1.00 MF$ 0.50
NASA-TM-X-53515
N66-37993
21H S04 23 HC$ 2.00 MF$ 0.50
NASA-TM-X-53516
N66-38746
5A S04 23 HC$ 2.00 MF$ 0.50
NASA-TM-X-54825
N66-33412
8Q S04 19 HC$ 1.00 MF$ 0.50
NASA-TM-X-54833
N66-33410
4A S04 19 HC$ 1.00 MF$ 0.50
NASA-TM-X-54842
N66-33166
7C S04 19 HC$ 1.00 MF$ 0.50
NASA-TM-X-54846
N66-33373
7D S04 19 HC$ 3.00 MF$ 0.75
NASA-TM-X-54847
N66-33370
9A S04 19 HC$ 1.00 MF$ 0.50
NASA-TM-X-54853
N66-33371
3A S04 19 HC$ 2.00 MF$ 0.50
NASA-TM-X-54860
N66-33172
20K S04 19 HC$ 1.00 MF$ 0.50
NASA-TM-X-54861
N66-33425
3B S04 19 HC$ 4.00 MF$ 1.00
NASA-TM-X-54862
N66-33421
9A S04 19 HC$ 1.00 MF$ 0.50
NASA-TM-X-54866
N66-33171
5A S04 19 HC$ 1.00 MF$ 0.50
NASA-TM-X-54872
N66-33167
3A S04 19 HC$ 1.00 MF$ 0.50
NASA-TM-X-54874
N66-33369
20K S04 19 MF$ 0.50
NASA-TM-X-54880
N66-33419
4A S04 19 HC$ 2.00 MF$ 0.50
NASA-TM-X-54895
N66-33424
14B S04 19 HC$ 1.00 MF$ 0.50
NASA-TM-X-54897
N66-33423
20H S04 19 HC$ 1.00 MF$ 0.50
NASA-TM-X-54930
N66-33177
8G S04 19 HC$ 3.00 MF$ 0.50
NASA-TM-X-54903
N66-33169
3B S04 19 HC$ 1.00 MF$ 0.50
NASA-TM-X-54906
N66-33378
20H S04 19 HC$ 1.00 MF$ 0.50
NASA-TM-X-54921
N66-33182
3B S04 19 HC$ 4.00 MF$ 0.75
NASA-TM-X-54929
N66-33183
20H S04 19 HC$ 2.00 MF$ 0.50
NASA-TM-X-54930
N66-33379
3B S04 19 HC$ 3.00 MF$ 0.75
NASA-TM-X-54937
N66-33368
3A S04 19 HC$ 1.00 MF$ 0.50
NASA-TM-X-55549
N66-33502
16D S04 19 HC$ 2.00 MF$ 0.50
NASA-TM-X-55550
N66-33503
22C S04 19 HC$ 3.00 MF$ 0.75
NASA-TM-X-55551
N66-33491
20B S04 19 HC$ 3.75 MF$ 1.50
NASA-TM-X-56165
N66-32946
20H S04 19 HC$ 2.50 MF$ 0.75
NASA-TM-X-56167
N66-37814
20H S04 23 HC$ 5.00 MF$ 1.25
NASA-TM-X-56299
N66-37826
14B S04 23 HC$ 6.00 MF$ 1.50
NASA-TM-X-56300
N66-37806
20H S04 23 HC$ 4.00 MF$ 1.00
NASA-TM-X-568
N66-33324
1A S04 19 HC$ 2.00 MF$ 0.50
NASA-TM-X-57005
N66-38364
4A S04 23 HC$ 2.00 MF$ 0.50
NASA-TM-X-57137
N66-32721
20D S04 19 HC$ 2.00 MF$ 0.50
NASA-TM-X-57805
N66-32793
4A S04 19 HC$ 4.25 MF$ 1.75
NASA-TM-X-57806
N66-32794
22D S04 19 HC$ 2.50 MF$ 0.75
NASA-TM-X-57817
N66-33710
21I S04 19 HC$ 3.00 MF$ 0.75
NASA-TM-X-57821
N66-33351
20K S04 19 HC$ 6.36 MF$ 3.00
NASA-TM-X-57822
N66-33865
22D S04 19 HC$ 7.00 MF$ 1.75
NASA-TM-X-57831
N66-33863
20E S04 19 HC$ 1.00 MF$ 0.50
NASA-TM-X-57833
N66-33864
22C S04 19 HC$ 2.00 MF$ 0.50
NASA-TM-X-57914
N66-38724
9B S04 23 HC$ 1.00 MF$ 0.50
NASA-TM-X-57930
N66-38113
11F S04 23 HC$ 2.00 MF$ 0.50
NASA-TM-X-57935
N66-37640
20F S04 23 HC$ 1.00 MF$ 0.50
NASA-TM-X-57941
N66-38017
14B S04 23 HC$ 6.00 MF$ 1.50
NASA-TM-X-57967
N66-38723
5B S04 23 HC$ 2.00 MF$ 0.50
NASA-TM-X-57968
N66-38716
1A S04 23 HC$ 5.00 MF$ 1.00
NASA-TM-X-594
N66-33323
1A S04 19 HC$ 1.00 MF$ 0.50
NASA-TM-X-637
N66-33330
1B S04 19 HC$ 2.00 MF$ 0.50
NASA-TM-X-645
N66-33316
1A S04 19 HC$ 2.00 MF$ 0.50
NASA-TM-X-650
N66-33352
22B S04 19 HC$ 3.75 MF$ 1.25
NASA-TM-X-672
N66-33318
1D S04 19 HC$ 2.00 MF$ 0.50
NASA-TM-X-677
N66-33345
22D S04 19 HC$ 2.00 MF$ 0.50
NASA-TM-X-702
N66-33327
1A S04 19 HC$ 2.00 MF$ 0.50
NASA-TM-X-703
N66-33334
20H S04 19 HC$ 2.50 MF$ 0.75
NASA-TM-X-724
N66-33325
21I S04 19 HC$ 2.00 MF$ 0.50
NASA-TM-X-784
N66-33307
20H S04 19 HC$ 3.00 MF$ 0.75
NASA-TM-X-787
N66-38365
1A S04 23 HC$ 2.00 MF$ 0.50
NASA-TM-X-79
N66-33326
1A S04 19 HC$ 2.00 MF$ 0.50
NASA-TM-X-87
N66-33342
21H S04 19 HC$ 2.00 MF$ 0.50
NASA-TN-D-3316
N66-33968
22C S04 19 HC$ 2.50 MF$ 0.75
NASA-TN-D-3317
N66-33703
4A S04 19 HC$ 2.50 MF$ 0.75
NASA-TN-D-3384
N66-32940
20D S04 19 HC$ 2.00 MF$ 0.50
NASA-TN-D-3408
N66-33491
1A S04 19 HC$ 2.00 MF$ 0.50
NASA-TN-D-3411
N66-33013
9F S04 19 HC$ 1.00 MF$ 0.50
NASA-TN-D-3412
N66-32941
1C S04 19 HC$ 2.00 MF$ 0.50
NASA-TN-D-3413
N66-33450
22D S04 19 HC$ 1.00 MF$ 0.50
NASA-TN-D-3442
N66-38136
1A S04 23 HC$ 2.00 MF$ 0.50
NASA-TN-D-3457
N66-38137
20I S04 23 HC$ 1.00 MF$ 0.50
NASA-TN-D-3470
N66-32942
17B S04 19 HC$ 2.00 MF$ 0.50
NASA-TN-D-3476
N66-33971
9F S04 19 HC$ 1.00 MF$ 0.50
NASA-TN-D-3489
N66-32943
10B S04 19 HC$ 2.00 MF$ 0.50
NASA-TN-D-3494
N66-33014
9F S04 19 HC$ 1.00 MF$ 0.50
NASA-TN-D-3497
N66-32697
6P S04 19 HC$ 2.00 MF$ 0.50
NASA-TN-D-3516
N66-33447
1A S04 19 HC$ 3.00 MF$ 0.75
NASA-TN-D-3517
N66-33015
1A S04 19 HC$ 2.00 MF$ 0.50
NASA-TN-D-3518
N66-33016
22C S04 19 HC$ 2.00 MF$ 0.50
NASA-TN-D-3519
N66-33449
1A S04 19 HC$ 3.00 MF$ 0.50
NASA-TN-D-3523
N66-33017
1A S04 19 HC$ 3.00 MF$ 0.75
NASA-TN-D-3524
N66-33448
17G S04 19 HC$ 2.00 MF$ 0.50
NASA-TN-D-3525
N66-32944
22A S04 19 HC$ 2.00 MF$ 0.50
NASA-TN-D-3526
N66-33018
1A S04 19 HC$ 4.00 MF$ 1.00
NASA-TN-D-3527
N66-33019
11F S04 19 HC$ 2.00 MF$ 0.50
NASA-TN-D-3539
N66-33457
1A S04 19 HC$ 3.00 MF$ 0.75
NASA-TN-D-3541
N66-33452
1A S04 19 HC$ 2.00 MF$ 0.50
NASA-TN-D-3542
N66-33020
1C S04 19 HC$ 3.00 MF$ 0.75
NASA-TN-D-3543
N66-33970
20K S04 19 HC$ 2.00 MF$ 0.50
NASA-TN-D-3544
N66-33453
1A S04 19 HC$ 2.00 MF$ 0.50
NASA-TN-D-3549
N66-33456
20K S04 19 HC$ 1.00 MF$ 0.50
NASA-TN-D-3550
N66-33972
20D S04 19 HC$ 2.00 MF$ 0.50
NASA-TN-D-3552
N66-33973
18I S04 19 HC$ 2.00 MF$ 0.50
NASA-TN-D-3855
N66-33021
18L S04 19 HC$ 1.00 MF$ 0.50
NASA-TN-D-3956
N66-37674
10A S04 23 HC$ 1.00 MF$ 0.50
NASA-TN-D-3958

NAS-NAV
N66-33967
NASA-TN-D-3559
N66-32945
NASA-TN-D-3560
N66-33984
NASA-TN-D-3561
N66-32955
NASA-TN-D-3562
N66-33966
NASA-TN-D-3563
N66-33022
NASA-TN-D-3564
N66-32956
NASA-TN-D-3565
N66-38747
NASA-TN-D-3566
N66-33454
NASA-TN-D-3567
N66-33455
NASA-TN-D-3568
N66-33969
NASA-TN-D-3571
N66-38406
NASA-TN-D-3583
N66-38138
NASA-TN-D-3585
N66-37675
NASA-TN-D-3586
N66-38407
NASA-TN-D-3598
N66-33983
NASA-TN-D-3619
N66-38139
NASA-TN-D-3638
N66-37676
NASA-TN-D-3632
N66-38140
NASA-TN-D-3633
N66-37677
NASA-TN-D-3640
N66-38408
NASA-TN-D-3641
N66-38409
NASA-TN-D-3646
N66-38410
NASA-TN-D-3647
N66-38411
NASA-TN-D-3649
N66-38412
NASA-TN-D-3650
N66-37678
NASA-TN-D-3651
N66-37679
NASA-TN-D-3653
N66-38413
NASA-TN-D-3654
N66-38414
NASA-TN-D-3655
N66-38415
NASA-TN-D-3656
N66-37680
NASA-TN-D-3658
N66-37681
NASA-TN-D-3662
N66-38141
NASA-TN-D-3664
N66-38416
NASA-TN-D-3667
N66-38417
NASA-TN-D-3668
N66-37682
NASA-TN-D-3669
N66-38142
NASA-TN-D-3670
N66-38418
NASA-TN-D-3672
N66-38143
NASA-TN-D-3679
N66-38419
NASA-TN-D-3680
N66-38144
NASA-TN-D-3684
N66-38748
NASA-TN-D-3685
N66-38749
NASA-TN-D-3698
N66-38800
NASA-TN-D-3692
N66-38801
NASA-TN-D-3693
N66-38750
NASA-TR-R-246
N66-37777
NASA-TR-R-247
N66-32957
NASA-TR-R-248
N66-37778
NASA-TR-R-249
N66-37641
NASA-TT-F-10087
N66-33702
NASA-TT-F-10133
N66-33696
NASA-TT-F-10137
N66-33676
NASA-TT-F-10139
N66-33697
NASA-TT-F-10140
N66-33698
NASA-TT-F-10145
N66-33699

9A S04 19 HC$ 1.00 MF$ 0.50
22A S04 19 HC$ 2.50 MF$ 0.75
17I S04 19 HC$ 1.00 MF$ 0.50
22B S04 19 HC$ 1.00 MF$ 0.50
22C S04 19 HC$ 1.00 MF$ 0.50
20D S04 19 HC$ 2.00 MF$ 0.50
3B S04 19 HC$ 1.00 MF$ 0.50
14B S04 23 HC$ 2.50 MF$ 0.50
21I S04 19 HC$ 2.00 MF$ 0.50
9C S04 19 HC$ 1.00 MF$ 0.50
20H S04 19 HC$ 1.00 MF$ 0.50
20H S04 23 HC$ 2.50 MF$ 0.75
1B S04 23 HC$ 1.00 MF$ 0.50
9C S04 23 HC$ 1.00 MF$ 0.50
1A S04 23 HC$ 1.00 MF$ 0.50
11F S04 19 HC$ 1.00 MF$ 0.50
11I S04 23 HC$ 2.50 MF$ 0.75
9A S04 23 HC$ 2.00 MF$ 0.50
22D S04 23 HC$ 2.00 MF$ 0.50
1A S04 23 HC$ 2.00 MF$ 0.50
9B S04 23 HC$ 2.50 MF$ 0.50
20H S04 23 HC$ 1.00 MF$ 0.50
20H S04 23 HC$ 2.50 MF$ 0.75
20K S04 23 HC$ 1.00 MF$ 0.50
20K S04 23 HC$ 2.00 MF$ 0.50
13H S04 23 HC$ 2.00 MF$ 0.50
13G S04 23 HC$ 2.00 MF$ 0.50
[illegible] S04 23 HC$ 1.00 MF$ 0.50
22A S04 23 HC$ 2.00 MF$ 0.50
1C S04 23 HC$ 2.00 MF$ 0.50
18K S04 23 HC$ 2.00 MF$ 0.50
14B S04 23 HC$ 1.00 MF$ 0.50
3B S04 23 HC$ 2.00 MF$ 0.50
9C S04 23 HC$ 1.00 MF$ 0.50
21H S04 23 HC$ 3.00 MF$ 1.00
22C S04 23 HC$ 2.00 MF$ 0.50
22F S04 23 HC$ 2.00 MF$ 0.50
10B S04 23 HC$ 2.00 MF$ 0.50
20H S04 23 HC$ 1.00 MF$ 0.50
9D S04 23 HC$ 1.00 MF$ 0.50
20H S04 23 HC$ 1.00 MF$ 0.50
20D S04 23 HC$ 2.50 MF$ 0.75
1A S04 23 HC$ 1.00 MF$ 0.50
5H S04 23 HC$ 2.00 MF$ 0.50
20H S04 23 HC$ 2.50 MF$ 0.75
11F S04 23 HC$ 1.00 MF$ 0.50
21B S04 23 HC$ 2.00 MF$ 0.50
17G S04 19 HC$ 2.50 MF$ 0.75
12A S04 23 HC$ 2.00 MF$ 0.50
1A S04 23 HC$ 2.50 MF$ 0.50
20H S04 19 HC$ 1.00 MF$ 0.50
22A S04 19 HC$ 1.00 MF$ 0.50
20L S04 19 HC$ 1.00 MF$ 0.50
20D S04 19 HC$ 1.00 MF$ 0.50
22A S04 19 HC$ 1.00 MF$ 0.50
8H S04 19 HC$ 1.00 MF$ 0.50

NASA-TT-F-10147
N66-33708
NASA-TT-F-10155
N66-33723
NASA-TT-F-10156
N66-33704
NASA-TT-F-10157
N66-33722
NASA-TT-F-10184
N66-33689
NASA-TT-F-10186
N66-33698
NASA-TT-F-10198
N66-33691
NASA-TT-F-10195
N66-33721
NASA-TT-F-10200
N66-33764
NASA-TT-F-10201
N66-33688
NASA-TT-F-10203
N66-33692
NASA-TT-F-10210
N66-33677
NASA-TT-F-10214
N66-33724
NASA-TT-F-10215
N66-33720
NASA-TT-F-10216
N66-33694
NASA-TT-F-10217
N66-33695
NASA-TT-F-10218
N66-33693
NASA-TT-F-10219
N66-33678
NASA-TT-F-10220
N66-33679
NASA-TT-F-10221
N66-33680
NASA-TT-F-10222
N66-33719
NASA-TT-F-10223
N66-33686
NASA-TT-F-10224
N66-33681
NASA-TT-F-10225
N66-33687
NASA-TT-F-10226
N66-33682
NASA-TT-F-10227
N66-33683
NASA-TT-F-10229
N66-33701
NASA-TT-F-10243
N66-33725
NASA-TT-F-10246
N66-33769
NASA-TT-F-10256
N66-33766
NASA-TT-F-10257
N66-33767
NASA-TT-F-10258
N66-33684
NASA-TT-F-10259
N66-33685
NASA-TT-F-10260
N66-33705
NASA-TT-F-10500
N66-33980
NASA-TT-F-382
N66-33526
NASA-TT-F-393
N66-38486
NASA-TT-F-8798
N66-33978
NASA-TT-F-8842
N66-38360
NAVAIR-17-20AQ-46
PB-173 504
NAVAIR-17-20QM-02
PB-173 501
NAVAIR-17-20QV-89
PB-173 503
NAVAIR-17-20VQ-88
PB-173 502
NAVAIR-17-20VQ-17
PB-173 450
NAVAIR-17-20VQ-18
PB-173 500
NAVAIR-17-20VW-01
PB-173 449
NAVMED-MF-011.99-1001-11
AD-641 997
NAVMED-MF011.99-9001.06
AD-641 960
NAVMED-MF022.03.07-2006.5
AD-642 003
NAVMED-MR 005.20.0021.3
AD-642 001
NAVMED-MR-005.04.0002-12
AD-641 565
NAVMED-MR-005.19.6001-17
AD-641 999
NAVMED-MR-005.19.6001-18
AD-642 004
NAVMED-MR005-12-2304
AD-641 515
NAVMED-MR005.04-0032.2
AD-641 656
NAVMED-MR005.06.0021-32

20I S04 19 HC$ 1.00 MF$ 0.50
18F S04 19 HC$ 1.00 MF$ 0.50
11F S04 19 HC$ 1.00 MF$ 0.50
11F S04 19 HC$ 1.00 MF$ 0.50
20H S04 19 HC$ 1.00 MF$ 0.50
11F S04 19 HC$ 1.00 MF$ 0.50
20H S04 19 HC$ 1.00 MF$ 0.50
7B S04 19 HC$ 1.00 MF$ 0.50
6C S04 19 HC$ 1.00 MF$ 0.50
20E S04 19 HC$ 2.00 MF$ 0.50
20D S04 19 HC$ 1.00 MF$ 0.50
20H S04 19 HC$ 1.00 MF$ 0.50
20D S04 19 HC$ 1.00 MF$ 0.50
8H S04 19 HC$ 2.50 MF$ 0.50
22B S04 19 HC$ 1.00 MF$ 0.50
20H S04 19 HC$ 1.00 MF$ 0.50
1A S04 19 HC$ 1.00 MF$ 0.50
20H S04 19 HC$ 1.00 MF$ 0.50
20H S04 19 HC$ 1.00 MF$ 0.50
12A S04 19 HC$ 1.00 MF$ 0.50
7B S04 19 HC$ 1.00 MF$ 0.50
20D S04 19 HC$ 1.00 MF$ 0.50
7D S04 19 HC$ 1.00 MF$ 0.50
11F S04 19 HC$ 1.00 MF$ 0.50
20L S04 19 HC$ 2.00 MF$ 0.50
20L S04 19 HC$ 2.50 MF$ 0.75
4A S04 19 HC$ 2.00 MF$ 0.50
6S S04 19 HC$ 1.00 MF$ 0.50
8B S04 19 HC$ 2.00 MF$ 0.50
7C S04 19 HC$ 2.00 MF$ 0.50
20H S04 19 HC$ 2.00 MF$ 0.50
6A S04 19 HC$ 1.00 MF$ 0.50
20L S04 19 HC$ 1.00 MF$ 0.50
20L S04 19 HC$ 1.00 MF$ 0.50
20D S04 19 HC$ 3.00 MF$ 1.00
3B S04 19 HC$ 4.00 MF$ 1.00
22A S04 23 HC$ 3.00 MF$ 1.00
3B S04 19 HC$ 1.00 MF$ 0.50
1C S04 23 HC$ 3.25 MF$ 1.25
9C U41 24 HC$ 1.00 MF$ 0.50
9C U41 24 HC$ 1.00 MF$ 0.50
9C U41 24 HC$ 1.00 MF$ 0.50
9C U41 24 HC$ 1.00 MF$ 0.50
9C U41 24 HC$ 1.00 MF$ 0.50
9C U41 24 HC$ 1.00 MF$ 0.50
9C U41 24 HC$ 1.00 MF$ 0.50
14B U41 24 HC$ 1.00 MF$ 0.50
17H T66 24
17B T66 24 HC$ 1.00 MF$ 0.50
6E T66 24
6A T66 24
6L T66 24 HC$ 1.00 MF$ 0.50
6D T66 24
6E T66 24
6P T66 24
6C T66 24 HC$ 1.00 MF$ 0.50

AD-641 910
NAVMED-MR005.19.6037-11
AD-641 929
NAVORD-1011
ATI-33 190
NAVTRADEVCEN-294-1
AD-641 321
NAVTRADEVCEN-294-2
AD-641 320
NAVWEPS-17-20GD-08
PB-173 517
NAVWEPS-17-20GP-10
PB-173 485
NAVWEPS-17-20MF-03
PB-173 480
NAVWEPS-17-20VA-01
PB-173 339
NAVWEPS-8501
AD-445 710
NBS-MISC-PUB-260-14
NBS-MP-280
NBS-NSRDS-7
NBS-TN-293
NBS-TN-295
NBS-TN-344
NBS-TN-346
NBS-TN-408
NBS-8935
N66-38720
NBS-8936
N66-38708
NCEL-CR-67.001
AD-641 925
NDL-TM-31
AD-641 559
NDL-TR-83-1
AD-641 843
NEL-1386
AD-641 833
NEL-1393
AD-641 403
NOLTR-66-120
AD-641 873
NOLTR-66-171
AD-641 867
NOLTR-66-189
AD-641 908
NOLTR-66-42
AD-641 874
NOTS-TP-3477
AD-445 710
NOTS-TP-4182
AD-641 878
NOTS-127
ATI-33 198
NRL-MR-1118
AD-481 365
NRL-MR-1268
AD-481 367
NRL-MR-1325
AD-463 062
NRL-MR-1718
AD-641 958
NRL-8858
AD-433 152
NRL-8440
AD-641 985
NRL-8447
AD-641 577
NRL-8457
AD-641 896
NSL-64-29-11
N66-34072
NSL-65-153
N66-38494
NSL-65-153, VOL. III
N66-38798
NSL-65-153, VOL. II, PT. 1
N66-38796
NSL-65-153, VOL. II, PT. 2
N66-38797
NSL-65-153, VOL. IV
N66-38799
NSL-65-153, VOL. I, PT. 1
N66-38794
NSL-65-153, VOL. I, PT. 2
N66-38795
NWL-1950
AD-453 901
NWL-2036
AD-641 888
N64-22499
AD-443 216
N66-32697
N66-32698
N66-32704
N66-32705
N66-32715
N66-32716
N66-32717
N66-32721
N66-32722
N66-32723
N66-32724
N66-32725
N66-32726
N66-32756
N66-32757
N66-32758
N66-32759
N66-32760

6A T66 24 HC$ 1.00 MF$ 0.50
6E T66 24
19D U41 24 HC$ 2.60
5I T66 24 HC$ 2.00 MF$ 0.50
5I T66 24 HC$ 2.00 MF$ 0.50
14B U41 24 HC$ 3.00 MF$ 0.65
14B U41 24 HC$ 1.00 MF$ 0.50
14B U41 24 HC$ 2.00 MF$ 0.50
14B U41 24 HC$ 2.00 MF$ 0.50
19G U41 24 HC$ 2.00
11F U41 24 HC$ 0.30 MF$ 0.50
8H U41 24 HC$ 1.50 MF$ 1.25
7D U41 24 HC$ 0.35 MF$ 0.50
20B U41 24 HC$ 0.25 MF$ 0.50
14B U41 24 HC$ 0.25 MF$ 0.50
14B U41 24 HC$ 0.20 MF$ 0.50
7D U41 24 HC$ 0.25 MF$ 0.50
20L U41 24 HC$ 0.45 MF$ 0.75
9B S04 23 HC$ 3.00 MF$ 0.75
9B S04 23 HC$ 2.00 MF$ 0.50
13B T66 24 HC$ 9.65 MF$ 2.75
18D T66 24 HC$ 2.00 MF$ 0.50
18D T66 24 HC$ 2.00 MF$ 0.50
8A T66 24 HC$ 3.00 MF$ 0.75
8C T66 24 HC$ 1.00 MF$ 0.50
7C T66 24 HC$ 2.00 MF$ 0.50
7D T66 24 HC$ 1.00 MF$ 0.50
20J T66 24 HC$ 2.00 MF$ 0.50
20K T66 24 HC$ 2.00 MF$ 0.50
19G U41 24 HC$ 2.00
14E T66 24 HC$ 2.00 MF$ 0.50
19D U41 24 HC$ 2.60
17B U41 24 HC$ 2.60 MF$ 0.50
17B U41 24 HC$ 2.00 MF$ 0.50
17B U41 24 HC$ 2.60
20L T66 24 HC$ 3.00 MF$ 0.75
18J U41 24 HC$ 1.60
9A T66 24 HC$ 2.00 MF$ 0.50
4A T66 24 HC$ 6.00 MF$ 1.25
11F T66 24 HC$ 1.00 MF$ 0.50
6F S04 19 HC$ 1.00 MF$ 0.50
14B S04 23 HC$ 2.00 MF$ 0.50
6B S04 23 HC$ 4.25 MF$ 2.00
6B S04 23 HC$ 4.25 MF$ 2.00
6B S04 23 HC$ 4.25 MF$ 2.00
6B S04 23 HC$ 2.50 MF$ 0.50
14B S04 23 HC$ 2.00 MF$ 0.50
6B S04 23 HC$ 2.00 MF$ 0.50
13H U41 24 HC$ 3.00 MF$ 0.50
20D T66 24 HC$ 3.00 MF$ 0.75
22C U41 24 HC$ 3.60
6P S04 19 HC$ 2.00 MF$ 0.50
18D S04 19 HC$ 2.00 MF$ 0.50
9C S04 19 HC$ 1.00 MF$ 0.50
22B S04 19 HC$ 3.00 MF$ 0.75
20M S04 19 HC$ 2.50 MF$ 0.75
9A S04 19 HC$ 1.00 MF$ 0.50
20M S04 19 HC$ 3.00 MF$ 0.75
20D S04 19 HC$ 2.00 MF$ 0.50
4A S04 19 HC$ 2.50 MF$ 0.75
20M S04 19 HC$ 1.00 MF$ 0.50
20D S04 19 HC$ 2.50 MF$ 0.75
20K S04 19 HC$ 2.00 MF$ 0.50
20M S04 19 HC$ 5.65 MF$ 2.50
9A S04 19 HC$ 1.00 MF$ 0.50
20E S04 19 HC$ 3.00 MF$ 0.75
8B S04 19 HC$ 2.00 MF$ 0.50
22C S04 19 HC$ 2.00 MF$ 0.50
22A S04 19 HC$ 1.80 MF$ 0.50

N66-32761
N66-32762
N66-32763
N66-32764
N66-32765
N66-32766
N66-32786
N66-32787
N66-32788
N66-32793
N66-32794
N66-32795
N66-32800
N66-32803
N66-32804
N66-32805
N66-32922
N66-32923
N66-32924
N66-32925
N66-32940
N66-32941
N66-32942
N66-32943
N66-32944
N66-32945
N66-32946
N66-32955
N66-32956
N66-32957
N66-32958
N66-32959
N66-32960
N66-32961
N66-32962
N66-32963
N66-32964
N66-32965
N66-33013
N66-33014
N66-33015
N66-33016
N66-33017
N66-33018
N66-33019
N66-33020
N66-33021
N66-33022
N66-33023
N66-33024
N66-33025
N66-33035
N66-33037
N66-33075
N66-33076
N66-33108
N66-33110
N66-33118
N66-33119
N66-33125
N66-33134
N66-33135
N66-33137
N66-33138
N66-33166
N66-33167
N66-33168
N66-33169
N66-33170
N66-33171
N66-33172
N66-33173
N66-33174
N66-33175
N66-33177
N66-33178
N66-33179
N66-33180
N66-33181
N66-33182
N66-33183
N66-33184
N66-33185
N66-33197
N66-33198
N66-33205
N66-33257
N66-33306
N66-33307
N66-33308
N66-33309
N66-33310
N66-33311
N66-33312
N66-33313
N66-33314
N66-33315
N66-33316
N66-33317
N66-33318
N66-33319
N66-33320
N66-33321
N66-33322
N66-33323
N66-33324
N66-33325
N66-33326
N66-33327
N66-33328
N66-33329

17I S04 19 HC$ 2.50 MF$ 0.50
20M S04 19 HC$ 2.00 MF$ 0.50
9A S04 19 HC$ 2.00 MF$ 0.50
20I S04 19 HC$ 1.00 MF$ 0.50
9A S04 19 HC$ 2.00 MF$ 0.50
20M S04 19 HC$ 4.25 MF$ 2.00
20M S04 19 HC$ 2.50 MF$ 0.75
13H S04 19 HC$ 2.00 MF$ 0.50
14B S04 19 HC$ 2.50 MF$ 0.75
4A S04 19 HC$ 4.25 MF$ 1.75
22D S04 19 HC$ 2.50 MF$ 0.75
11F S04 19 HC$ 1.00 MF$ 0.50
5H S04 19 HC$ 3.75 MF$ 1.25
13K S04 19 HC$ 2.50 MF$ 0.75
20M S04 19 HC$ 2.50 MF$ 0.75
11F S04 19 HC$ 2.00 MF$ 0.50
13I S04 19 HC$ 3.00 MF$ 1.00
21M S04 19 HC$ 3.75 MF$ 1.25
13M S04 19 HC$ 3.75 MF$ 1.25
6B S04 19 HC$ 2.00 MF$ 0.50
20D S04 19 HC$ 2.00 MF$ 0.50
1C S04 19 HC$ 2.00 MF$ 0.50
17B S04 19 HC$ 2.00 MF$ 0.50
10B S04 19 HC$ 2.00 MF$ 0.50
22A S04 19 HC$ 2.00 MF$ 0.50
22A S04 19 HC$ 2.50 MF$ 0.75
20M S04 19 HC$ 2.50 MF$ 0.75
22B S04 19 HC$ 1.00 MF$ 0.50
3B S04 19 HC$ 1.00 MF$ 0.50
17G S04 19 HC$ 2.50 MF$ 0.75
13H S04 19 HC$ 2.00 MF$ 0.50
5H S04 19 HC$ 3.00 MF$ 0.75
22A S04 19 HC$ 4.66 MF$ 2.50
22A S04 19 HC$ 3.00 MF$ 0.75
13I S04 19 HC$ 4.00 MF$ 0.75
6T S04 19 HC$ 2.00 MF$ 0.50
20M S04 19 HC$ 1.00 MF$ 0.50
13H S04 19 HC$ 2.00 MF$ 0.50
9F S04 19 HC$ 1.00 MF$ 0.50
9F S04 19 HC$ 1.00 MF$ 0.50
1A S04 19 HC$ 2.00 MF$ 0.50
22C S04 19 HC$ 2.00 MF$ 0.50
1A S04 19 HC$ 3.00 MF$ 0.75
1A S04 19 HC$ 4.00 MF$ 1.00
11F S04 19 HC$ 2.00 MF$ 0.50
1C S04 19 HC$ 3.00 MF$ 0.75
18L S04 19 HC$ 1.00 MF$ 0.50
20D S04 19 HC$ 2.00 MF$ 0.50
11F S04 19 HC$ 2.00 MF$ 0.50
20K S04 19 HC$ 2.00 MF$ 0.50
20K S04 19 HC$ 2.00 MF$ 0.50
11F S04 19 HC$ 1.00 MF$ 0.50
20N S04 19 HC$ 1.00 MF$ 0.50
22B S04 19 HC$ 4.00 MF$ 4.75
22B S04 19 HC$ 3.75 MF$ 1.50
3B S04 19 HC$ 1.00 MF$ 0.50
18K S04 19 HC$ 1.00 MF$ 0.50
3B S04 19 HC$ 4.00 MF$ 1.00
4B S04 19 HC$ 2.00 MF$ 0.50
18K S04 19 HC$ 3.00 MF$ 0.75
5C S04 19 HC$ 1.00 MF$ 0.50
18D S04 19 HC$ 7.10 MF$ 2.25
3B S04 19 HC$ 1.00 MF$ 0.50
5E S04 19 HC$ 4.00 MF$ 1.00
7C S04 19 HC$ 1.00 MF$ 0.50
3A S04 19 HC$ 1.00 MF$ 0.50
7D S04 19 HC$ 3.00 MF$ 0.75
3B S04 19 HC$ 1.00 MF$ 0.50
9A S04 19 HC$ 4.00 MF$ 0.75
5A S04 19 HC$ 1.00 MF$ 0.50
20K S04 19 HC$ 1.00 MF$ 0.50
6A S04 19 HC$ 2.00 MF$ 0.50
20J S04 19 HC$ 1.00 MF$ 0.50
20M S04 19 HC$ 1.00 MF$ 0.50
8G S04 19 HC$ 3.00 MF$ 0.50
20F S04 19 HC$ 2.00 MF$ 0.50
9A S04 19 HC$ 1.00 MF$ 0.50
20M S04 19 HC$ 3.00 MF$ 0.75
17B S04 19 HC$ 2.00 MF$ 0.50
3B S04 19 HC$ 4.00 MF$ 0.75
20M S04 19 HC$ 2.00 MF$ 0.50
20M S04 19 HC$ 3.00 MF$ 0.75
11B S04 19 HC$ 1.00 MF$ 0.50
4A S04 19 HC$ 5.50 MF$ 2.50
9E S04 19 HC$ 5.00 MF$ 1.00
4B S04 19 HC$ 2.00 MF$ 0.50
6A S04 19 HC$ 2.00 MF$ 0.50
1A S04 19 HC$ 2.00 MF$ 0.50
20M S04 19 HC$ 3.00 MF$ 0.75
20M S04 19 HC$ 1.00 MF$ 0.50
21I S04 19 HC$ 2.00 MF$ 0.50
1A S04 19 HC$ 2.00 MF$ 0.50
1D S04 19 HC$ 3.00 MF$ 0.75
1A S04 19 HC$ 3.00 MF$ 0.50
1A S04 19 HC$ 2.00 MF$ 0.50
1B S04 19 HC$ 1.00 MF$ 0.50
1D S04 19 HC$ 2.00 MF$ 0.50
1A S04 19 HC$ 2.00 MF$ 0.50
1D S04 19 HC$ 2.00 MF$ 0.50
1D S04 19 HC$ 2.00 MF$ 0.50
1D S04 19 HC$ 3.00 MF$ 0.75
1D S04 19 HC$ 3.00 MF$ 0.75
1A S04 19 HC$ 3.00 MF$ 0.50
20M S04 19 HC$ 2.00 MF$ 0.50
1A S04 19 HC$ 1.00 MF$ 0.50
1A S04 19 HC$ 2.00 MF$ 0.50
21I S04 19 HC$ 2.00 MF$ 0.50
1A S04 19 HC$ 2.00 MF$ 0.50
1A S04 19 HC$ 2.00 MF$ 0.50
1A S04 19 HC$ 2.00 MF$ 0.50

N66-33330	1B	S04	19	HC$	2.00	MF$	0.50	N66-33460	20K	S04	19	HC$	3.00	MF$	0.75
N66-33331	1A	S04	19	HC$	2.50	MF$	0.50	N66-33461	5H	S04	19	HC$	2.00	MF$	0.50
N66-33332	21M	S04	19	HC$	1.00	MF$	0.50	N66-33462	12A	S04	19	HC$	2.00	MF$	0.50
N66-33333	21M	S04	19	HC$	2.00	MF$	0.50	N66-33463	21C	S04	19	HC$	2.00	MF$	0.50
N66-33334	20M	S04	19	HC$	2.50	MF$	0.75	N66-33464	11D	S04	19	HC$	3.00	MF$	0.75
N66-33335	20M	S04	19	HC$	1.00	MF$	0.50	N66-33465	20K	S04	19	HC$	2.00	MF$	0.50
N66-33336	1A	S04	19	HC$	1.00	MF$	0.50	N66-33486	1A	S04	19	HC$	1.00	MF$	0.50
N66-33337	22C	S04	19	HC$	1.00	MF$	0.50	N66-33487	7D	S04	19	HC$	1.00	MF$	0.50
N66-33338	1A	S04	19	HC$	1.00	MF$	0.50	N66-33489	1B	S04	19	HC$	2.50	MF$	0.75
N66-33339	1A	S04	19	HC$	2.00	MF$	0.50	N66-33490	22B	S04	19	HC$	2.50	MF$	0.75
N66-33340	1A	S04	19	HC$	3.00	MF$	0.75	N66-33491	20B	S04	19	HC$	3.75	MF$	1.50
N66-33341	21E	S04	19	HC$	2.00	MF$	0.50	N66-33492	17G	S04	19	HC$	3.25	MF$	1.25
N66-33342	21M	S04	19	HC$	2.00	MF$	0.50	N66-33493	11A	S04	19	HC$	2.00	MF$	0.50
N66-33343	1A	S04	19	HC$	2.50	MF$	0.75	N66-33494	13K	S04	19	HC$	3.00	MF$	1.00
N66-33344	21M	S04	19	HC$	2.00	MF$	0.50	N66-33495	20D	S04	19	HC$	2.50	MF$	0.75
N66-33345	22D	S04	19	HC$	2.00	MF$	0.50	N66-33496	21M	S04	19	HC$	2.50	MF$	0.75
N66-33346	21M	S04	19	HC$	2.00	MF$	0.50	N66-33497	22B	S04	19	HC$	2.00	MF$	0.50
N66-33347	1A	S04	19	HC$	2.00	MF$	0.50	N66-33498	13K	S04	19	HC$	2.00	MF$	0.50
N66-33348	21M	S04	19	HC$	2.00	MF$	0.50	N66-33499	7A	S04	19	HC$	3.75	MF$	1.50
N66-33349	1A	S04	19	HC$	3.25	MF$	1.25	N66-33501	22B	S04	19	HC$	3.00	MF$	1.00
N66-33350	20K	S04	19	HC$	2.00	MF$	0.50	N66-33502	16D	S04	19	HC$	2.00	MF$	0.50
N66-33351	20K	S04	19	HC$	6.36	MF$	3.00	N66-33503	22C	S04	19	HC$	3.00	MF$	0.75
N66-33352	22B	S04	19	HC$	3.75	MF$	1.25	N66-33504	11F	S04	19	HC$	3.00	MF$	1.00
N66-33366	9F	S04	19	HC$	2.00	MF$	0.50	N66-33505	9A	S04	19	HC$	2.50	MF$	0.75
N66-33367	7D	S04	19	HC$	2.00	MF$	0.50	N66-33522	8K	S04	19	HC$	1.00	MF$	0.50
N66-33368	3A	S04	19	HC$	1.00	MF$	0.50	N66-33523	4A	S04	19	HC$	3.00	MF$	0.50
N66-33369	20K	S04	19			MF$	0.50	N66-33526	3B	S04	19	HC$	4.00	MF$	1.00
N66-33370	9A	S04	19	HC$	1.00	MF$	0.50	N66-33537	12A	S04	19	HC$	1.00	MF$	0.50
N66-33371	3A	S04	19	HC$	2.00	MF$	0.50	N66-33538	13H	S04	19	HC$	3.00	MF$	1.00
N66-33372	20E	S04	19	HC$	1.00	MF$	0.50	N66-33539	14B	S04	19	HC$	2.50	MF$	0.50
N66-33373	7D	S04	19	HC$	3.00	MF$	0.75	N66-33540	22B	S04	19	HC$	3.00	MF$	0.75
N66-33374	6A	S04	19	HC$	1.00	MF$	0.50	N66-33541	21H	S04	19	HC$	3.75	MF$	1.50
N66-33375	20K	S04	19	HC$	2.00	MF$	0.50	N66-33572	20K	S04	19	HC$	3.25	MF$	1.25
N66-33376	6A	S04	19	HC$	1.00	MF$	0.50	N66-33573	12A	S04	19	HC$	2.00	MF$	0.50
N66-33377	20F	S04	19	HC$	1.00	MF$	0.50	N66-33595	20K	S04	19	HC$	4.00	MF$	0.75
N66-33378	20M	S04	19	HC$	1.00	MF$	0.50	N66-33676	20L	S04	19	HC$	1.00	MF$	0.50
N66-33379	3B	S04	19	HC$	3.00	MF$	0.75	N66-33677	20M	S04	19	HC$	1.00	MF$	0.50
N66-33380	20J	S04	19	HC$	2.00	MF$	0.50	N66-33678	20M	S04	19	HC$	1.00	MF$	0.50
N66-33381	20K	S04	19	HC$	2.00	MF$	0.50	N66-33679	20M	S04	19	HC$	1.00	MF$	0.50
N66-33382	6A	S04	19	HC$	3.00	MF$	0.75	N66-33680	12A	S04	19	HC$	1.00	MF$	0.50
N66-33383	20N	S04	19	HC$	1.00	MF$	0.50	N66-33681	7D	S04	19	HC$	1.00	MF$	0.50
N66-33384	20H	S04	19	HC$	2.00	MF$	0.50	N66-33682	20L	S04	19	HC$	2.00	MF$	0.50
N66-33385	20J	S04	19	HC$	1.00	MF$	0.50	N66-33683	20L	S04	19	HC$	2.50	MF$	0.75
N66-33386	20L	S04	19	HC$	1.00	MF$	0.50	N66-33684	6A	S04	19	HC$	1.00	MF$	0.50
N66-33387	6B	S04	19	HC$	2.00	MF$	0.50	N66-33685	20L	S04	19	HC$	1.00	MF$	0.50
N66-33388	10A	S04	19	HC$	2.00	MF$	0.50	N66-33686	20D	S04	19	HC$	1.00	MF$	0.50
N66-33389	20H	S04	19	HC$	2.00	MF$	0.50	N66-33687	11F	S04	19	HC$	1.00	MF$	0.50
N66-33390	9A	S04	19	HC$	3.00	MF$	0.75	N66-33688	20E	S04	19	HC$	2.00	MF$	0.50
N66-33391	4B	S04	19	HC$	2.00	MF$	0.50	N66-33689	20M	S04	19	HC$	1.00	MF$	0.50
N66-33392	7D	S04	19	HC$	1.00	MF$	0.50	N66-33690	11F	S04	19	HC$	1.00	MF$	0.50
N66-33393	9C	S04	19	HC$	3.00	MF$	0.50	N66-33691	20H	S04	19	HC$	1.00	MF$	0.50
N66-33394	3A	S04	19	HC$	3.00	MF$	0.75	N66-33692	20D	S04	19	HC$	1.00	MF$	0.50
N66-33395	22A	S04	19	HC$	1.00	MF$	0.50	N66-33693	1A	S04	19	HC$	1.00	MF$	0.50
N66-33396	9F	S04	19	HC$	2.00	MF$	0.50	N66-33694	22B	S04	19	HC$	1.00	MF$	0.50
N66-33397	22B	S04	19	HC$	1.00	MF$	0.50	N66-33695	20M	S04	19	HC$	1.00	MF$	0.50
N66-33399	3A	S04	19	HC$	4.00	MF$	1.00	N66-33696	22A	S04	19	HC$	1.00	MF$	0.50
N66-33400	20K	S04	19	HC$	1.00	MF$	0.50	N66-33697	20D	S04	19	HC$	1.00	MF$	0.50
N66-33401	12A	S04	19	HC$	2.00	MF$	0.50	N66-33698	22A	S04	19	HC$	1.00	MF$	0.50
N66-33402	12A	S04	19	HC$	2.00	MF$	0.50	N66-33699	6M	S04	19	HC$	1.00	MF$	0.50
N66-33403	10A	S04	19	HC$	1.00	MF$	0.50	N66-33700	20I	S04	19	HC$	1.00	MF$	0.50
N66-33404	11F	S04	19	HC$	1.00	MF$	0.50	N66-33701	4A	S04	19	HC$	2.00	MF$	0.50
N66-33405	11F	S04	19	HC$	2.00	MF$	0.50	N66-33702	20M	S04	19	HC$	1.00	MF$	0.50
N66-33407	22B	S04	19	HC$	2.00	MF$	0.50	N66-33703	4A	S04	19	HC$	2.50	MF$	0.75
N66-33408	20M	S04	19	HC$	4.00	MF$	0.75	N66-33704	11F	S04	19	HC$	1.00	MF$	0.50
N66-33409	20N	S04	19	HC$	2.00	MF$	0.50	N66-33705	20L	S04	19	HC$	1.00	MF$	0.50
N66-33410	11F	S04	19	HC$	1.00	MF$	0.50	N66-33708	8N	S04	19	HC$	4.00	MF$	1.00
N66-33411	20E	S04	19	HC$	2.00	MF$	0.50	N66-33710	21I	S04	19	HC$	3.00	MF$	0.75
N66-33412	8Q	S04	19	HC$	1.00	MF$	0.50	N66-33713	20D	S04	19	HC$	2.50	MF$	0.50
N66-33413	20H	S04	19	HC$	1.00	MF$	0.50	N66-33714	21B	S04	19	HC$	2.00	MF$	0.50
N66-33414	3B	S04	19	HC$	1.00	MF$	0.50	N66-33717	5E	S04	19	HC$	2.50	MF$	0.50
N66-33415	20H	S04	19	HC$	1.00	MF$	0.50	N66-33718	22B	S04	19	HC$	6.12	MF$	6.54
N66-33416	5B	S04	19	HC$	1.00	MF$	0.50	N66-33719	7B	S04	19	HC$	1.00	MF$	0.50
N66-33417	6C	S04	19	HC$	1.00	MF$	0.50	N66-33720	8H	S04	19	HC$	2.50	MF$	0.50
N66-33418	4A	S04	19	HC$	1.00	MF$	0.50	N66-33721	7B	S04	19	HC$	1.00	MF$	0.50
N66-33419	4A	S04	19	HC$	2.00	MF$	0.50	N66-33722	11F	S04	19	HC$	1.00	MF$	0.50
N66-33420	20J	S04	19	HC$	1.00	MF$	0.50	N66-33723	18F	S04	19	HC$	1.00	MF$	0.50
N66-33421	9A	S04	19	HC$	1.00	MF$	0.50	N66-33724	20D	S04	19	HC$	1.00	MF$	0.50
N66-33422	5F	S04	19	HC$	1.00	MF$	0.50	N66-33725	6S	S04	19	HC$	1.00	MF$	0.50
N66-33423	20M	S04	19	HC$	1.00	MF$	0.50	N66-33760	4B	S04	19	HC$	2.00	MF$	0.50
N66-33424	14B	S04	19	HC$	1.00	MF$	0.50	N66-33764	6C	S04	19	HC$	1.00	MF$	0.50
N66-33425	3B	S04	19	HC$	4.00	MF$	1.00	N66-33765	8B	S04	19	HC$	2.00	MF$	0.50
N66-33427	11F	S04	19	HC$	4.00	MF$	1.00	N66-33766	7C	S04	19	HC$	2.00	MF$	0.50
N66-33429	18K	S04	19	HC$	3.00	MF$	0.75	N66-33767	20M	S04	19	HC$	2.00	MF$	0.50
N66-33431	4A	S04	19	HC$	5.00	MF$	1.25	N66-33769	7B	S04	19	HC$	1.00	MF$	0.50
N66-33432	11F	S04	19	HC$	1.00	MF$	0.50	N66-33770	3A	S04	19	HC$	2.50	MF$	0.50
N66-33433	21I	S04	19	HC$	2.00	MF$	0.50	N66-33771	14B	S04	19	HC$	2.00	MF$	0.50
N66-33434	18K	S04	19	HC$	3.00	MF$	0.75	N66-33774	8N	S04	19	HC$	3.75	MF$	1.50
N66-33435	9A	S04	19	HC$	1.00	MF$	0.50	N66-33863	20E	S04	19	HC$	1.00	MF$	0.50
N66-33436	20L	S04	19	HC$	1.00	MF$	0.50	N66-33864	22C	S04	19	HC$	2.00	MF$	0.50
N66-33437	1B	S04	19	HC$	1.00	MF$	0.50	N66-33865	22D	S04	19	HC$	7.00	MF$	1.75
N66-33438	12A	S04	19	HC$	1.00	MF$	0.50	N66-33966	22C	S04	19	HC$	1.00	MF$	0.50
N66-33440	20I	S04	19	HC$	2.00	MF$	0.50	N66-33967	9A	S04	19	HC$	1.00	MF$	0.50
N66-33441	9B	S04	19	HC$	5.00	MF$	1.25	N66-33968	22C	S04	19	HC$	2.50	MF$	0.75
N66-33442	8Q	S04	19	HC$	2.00	MF$	0.50	N66-33969	20M	S04	19	HC$	1.00	MF$	0.50
N66-33443	4A	S04	19	HC$	1.00	MF$	0.50	N66-33970	20K	S04	19	HC$	2.00	MF$	0.50
N66-33444	6P	S04	19	HC$	3.00	MF$	0.50	N66-33971	9F	S04	19	HC$	1.00	MF$	0.50
N66-33445	5J	S04	19	HC$	1.00	MF$	0.50	N66-33972	20D	S04	19	HC$	2.00	MF$	0.50
N66-33446	6S	S04	19	HC$	1.00	MF$	1.25	N66-33973	18I	S04	19	HC$	2.00	MF$	0.50
N66-33447	1A	S04	19	HC$	3.00	MF$	0.75	N66-33974	9F	S04	19	HC$	2.00	MF$	0.50
N66-33448	17G	S04	19	HC$	2.00	MF$	0.50	N66-33975	10B	S04	19	HC$	5.54	MF$	2.50
N66-33449	1A	S04	19	HC$	3.00	MF$	0.50	N66-33976	11F	S04	19	HC$	2.00	MF$	0.50
N66-33450	22D	S04	19	HC$	1.00	MF$	0.50	N66-33977	13H	S04	19	HC$	2.50	MF$	0.75
N66-33451	1A	S04	19	HC$	2.00	MF$	0.50	N66-33978	3B	S04	19	HC$	1.00	MF$	0.50
N66-33452	1A	S04	19	HC$	2.00	MF$	0.50	N66-33979	22C	S04	19	HC$	2.00	MF$	0.50
N66-33453	1A	S04	19	HC$	2.00	MF$	0.50	N66-33980	20D	S04	19	HC$	3.00	MF$	1.00
N66-33454	21I	S04	19	HC$	2.00	MF$	0.50	N66-33981	5H	S04	19	HC$	5.00	MF$	0.75
N66-33455	9C	S04	19	HC$	1.00	MF$	0.50	N66-33982	20M	S04	19	HC$	2.00	MF$	0.50
N66-33456	20K	S04	19	HC$	1.00	MF$	0.50	N66-33983	11F	S04	19	HC$	1.00	MF$	0.50
N66-33457	1A	S04	19	HC$	3.00	MF$	0.75	N66-33984	17I	S04	19	HC$	1.00	MF$	0.50
N66-33458	17G	S04	19	HC$	3.00	MF$	0.75	N66-34037	5C	S04	19	HC$	2.00	MF$	0.50
N66-33459	6B	S04	19	HC$	2.00	MF$	0.50	N66-34042	21M	S04	19	HC$	3.00	MF$	0.75

N66-34043
N66-34044
N66-34045
N66-34046
N66-34066
N66-34067
N66-34068
N66-34069
N66-34070
N66-34071
N66-34072
N66-34073
N66-34074
N66-34075
N66-34076
N66-34078
N66-34079
N66-34080
N66-34081
N66-34082
N66-34083
N66-34084
N66-34085
N66-37640
N66-37641
N66-37642
N66-37643
N66-37644
N66-37674
N66-37675
N66-37676
N66-37677
N66-37678
N66-37679
N66-37680
N66-37681
N66-37682
N66-37683
N66-37684
N66-37685
N66-37731
N66-37775
N66-37776
N66-37777
N66-37778
N66-37780
N66-37781
N66-37784
N66-37785
N66-37800
N66-37801
N66-37802
N66-37803
N66-37804
N66-37805
N66-37806
N66-37811
N66-37812
N66-37813
N66-37814
N66-37825
N66-37826
N66-37894
N66-37901
N66-37904
N66-37905
N66-37927
N66-37936
N66-37943
N66-37944
N66-37945
N66-37993
N66-37998
N66-38017
N66-38058
N66-38086
N66-38087
N66-38104
N66-38105
N66-38106
N66-38113
N66-38114
N66-38115
N66-38120
N66-38136
N66-38137
N66-38138
N66-38139
N66-38140
N66-38141
N66-38142
N66-38143
N66-38144
N66-38145
N66-38146
N66-38147
N66-38175
N66-38177
N66-38192
N66-38228
N66-38275
N66-38296
N66-38328
N66-38342
N66-38343
N66-38347
N66-38351
N66-38360
N66-38361
N66-38362
N66-38363

20I S04 19 HCS 3,00 MFS 0.75
8D S04 19 HCS 6,00 MFS 1.50
21M S04 19 HCS 4,00 MFS 1.00
13M S04 19 HCS 1,00 MFS 0.50
13M S04 19 HCS 4,00 MFS 0.75
20J S04 19 HCS 2,00 MFS 0.50
20L S04 19 HCS 1,00 MFS 0.50
5K S04 19 HCS 1,00 MFS 0.50
22B S04 19 HCS 2,00 MFS 0.50
20D S04 19 HCS 1,00 MFS 0.50
6F S04 19 HCS 1,00 MFS 0.50
20M S04 19 HCS 1,00 MFS 0.50
20I S04 19 HCS 1,00 MFS 0.50
12A S04 19 HCS 2,00 MFS 0.50
20I S04 19 HCS 2,00 MFS 0.50
1B S04 19 HCS 2,50 MFS 0.75
1A S04 19 HCS 2,00 MFS 0.50
1C S04 19 HCS 2,00 MFS 0.50
1B S04 19 HCS 2,50 MFS 0.75
1D S04 19 HCS 3,00 MFS 1.00
1D S04 19 HCS 2,00 MFS 0.50
1D S04 19 HCS 2,00 MFS 0.50
5B S04 19 HCS 3,25 MFS 1.00
20F S04 23 HCS 1,00 MFS 0.50
1A S04 23 HCS 2,50 MFS 0.50
22B S04 23 HCS 1,00 MFS 0.50
21C S04 23 HCS 3,00 MFS 0.75
14B S04 23 HCS 2,50 MFS 0.75
10A S04 23 HCS 1,00 MFS 0.50
9C S04 23 HCS 1,00 MFS 0.50
9A S04 23 HCS 2,00 MFS 0.50
1A S04 23 HCS 2,00 MFS 0.50
13H S04 23 HCS 2,00 MFS 0.50
13G S04 23 HCS 2,00 MFS 0.50
18K S04 23 HCS 2,00 MFS 0.50
14B S04 23 HCS 1,00 MFS 0.50
22C S04 23 HCS 2,00 MFS 0.50
18N S04 23 HCS 1,00 MFS 0.50
20I S04 23 HCS 1,00 MFS 0.50
10C S04 23 HCS 2,50 MFS 0.75
4A S04 23 HCS 2,00 MFS 0.50
6P S04 23 HCS 3,00 MFS 1.00
6P S04 23 HCS 4,25 MFS 2.00
21B S04 23 HCS 2,00 MFS 0.50
12A S04 23 HCS 2,00 MFS 0.50
18H S04 23 HCS 2,00 MFS 0.50
18I S04 23 HCS 2,00 MFS 0.50
4A S04 23 HCS 2,00 MFS 0.50
20B S04 23 HCS 1,00 MFS 0.50
10C S04 23 HCS 2,50 MFS 0.50
22B S04 23 HCS 3,25 MFS 1.00
21B S04 23 HCS 2,50 MFS 0.75
5B S04 23 HCS 1,00 MFS 0.50
21H S04 23 HCS 2,50 MFS 0.75
21H S04 23 HCS 2,00 MFS 0.50
20M S04 23 HCS 4,00 MFS 1.00
20C S04 23 HCS 1,00 MFS 0.50
3B S04 23 HCS 1,00 MFS 0.50
9B S04 23 HCS 1,00 MFS 0.50
20M S04 23 HCS 5,00 MFS 1.25
6A S04 23 HCS 5,00 MFS 0.75
14P S04 23 HCS 6,00 MFS 1.50
6A S04 23 HCS 1,00 MFS 0.50
9C S04 23 HCS 2,00 MFS 0.50
7D S04 23 HCS 1,00 MFS 0.50
14B S04 23 HCS 3,00 MFS 0.75
12A S04 23 HCS 1,00 MFS 0.50
20K S04 23 HCS 2,00 MFS 0.50
14B S04 23 HCS 7,00 MFS 2.00
14B S04 23 HCS 2,00 MFS 0.50
7C S04 23 HCS 2,00 MFS 0.50
21M S04 23 HCS 2,00 MFS 0.50
4A S04 23 HCS 4,00 MFS 0.75
14B S04 23 HCS 6,00 MFS 1.50
20R S04 23 HCS 1,00 MFS 0.50
7A S04 23 HCS 4,00 MFS 1.00
18G S04 23 HCS 2,00 MFS 0.50
13E S04 23 HCS 7,85 MFS 2.50
20M S04 23 HCS 4,00 MFS 1.00
14B S04 23 HCS 2,50 MFS 0.50
11F S04 23 HCS 2,00 MFS 0.50
20M S04 23 HCS 2,00 MFS 0.50
5M S04 23 HCS 1,00 MFS 0.50
18J S04 23 HCS 3,00 MFS 0.50
1A S04 23 HCS 2,00 MFS 0.50
20I S04 23 HCS 1,00 MFS 0.50
1B S04 23 HCS 1,00 MFS 0.50
11I S04 23 HCS 2,50 MFS 0.75
22D S04 23 HCS 2,00 MFS 0.50
3B S04 23 HCS 2,00 MFS 0.50
20F S04 23 HCS 2,00 MFS 0.50
20M S04 23 HCS 1,00 MFS 0.50
20M S04 23 HCS 1,00 MFS 0.50
20M S04 23 HCS 3,00 MFS 1.00
14B S04 23 HCS 2,00 MFS 0.50
11F S04 23 HCS 4,00 MFS 1.00
7E S04 23 HCS 2,00 MFS 0.50
8E S04 23 HCS 1,00 MFS 0.50
6M S04 23 HCS 7,00 MFS 2.00
6P S04 23 HCS 2,00 MFS 0.50
9A S04 23 HCS 1,00 MFS 0.50
8G S04 23 HCS 3,00 MFS 0.50
4A S04 23 HCS 2,00 MFS 0.50
20I S04 23 HCS 2,00 MFS 0.50
4A S04 23 HCS 2,00 MFS 0.50
13B S04 23 HCS 1,00 MFS 0.50
18D S04 23 HCS 1,00 MFS 0.50
1C S04 23 HCS 3,25 MFS 1.25
14B S04 23 HCS 2,00 MFS 0.50
20K S04 23 HCS 2,00 MFS 0.50
20F S04 23 HCS 2,00 MFS 0.50

N66-38364
N66-38365
N66-38368
N66-38406
N66-38407
N66-38408
N66-38409
N66-38410
N66-38411
N66-38412
N66-38413
N66-38414
N66-38415
N66-38416
N66-38417
N66-38418
N66-38419
N66-38420
N66-38421
N66-38422
N66-38423
N66-38424
N66-38425
N66-38486
N66-38487
N66-38489
N66-38490
N66-38491
N66-38492
N66-38493
N66-38494
N66-38495
N66-38496
N66-38497
N66-38498
N66-38499
N66-38500
N66-38501
N66-38502
N66-38503
N66-38504
N66-38505
N66-38506
N66-38544
N66-38644
N66-38688
N66-38705
N66-38706
N66-38707
N66-38708
N66-38709
N66-38710
N66-38711
N66-38712
N66-38713
N66-38714
N66-38715
N66-38716
N66-38717
N66-38718
N66-38719
N66-38720
N66-38721
N66-38722
N66-38723
N66-38724
N66-38725
N66-38726
N66-38727
N66-38728
N66-38729
N66-38730
N66-38731
N66-38744
N66-38746
N66-38747
N66-38748
N66-38749
N66-38750
N66-38751
N66-38752
N66-38753
N66-38754
N66-38755
N66-38756
N66-38757
N66-38758
N66-38759
N66-38780
N66-38787
N66-38788
N66-38789
N66-38790
N66-38791
N66-38792
N66-38793
N66-38794
N66-38795
N66-38796
N66-38797
N66-38798
N66-38799
N66-38800
N66-38801
N66-38802
N66-38803
N66-38804
N66-38805
ONR-TR-22
AD-641 857
ORC-66-20

4A S04 23 HCS 2,00 MFS 0.50
1A S04 23 HCS 2,00 MFS 0.50
6A S04 23 HCS 1,00 MFS 0.50
20M S04 23 HCS 2,50 MFS 0.75
1A S04 23 HCS 1,00 MFS 0.50
9B S04 23 HCS 2,50 MFS 0.50
20M S04 23 HCS 1,00 MFS 0.50
20M S04 23 HCS 2,50 MFS 0.75
20K S04 23 HCS 1,00 MFS 0.50
20K S04 23 HCS 2,00 MFS 0.50
5M S04 23 HCS 1,00 MFS 0.50
22A S04 23 HCS 2,00 MFS 0.50
1C S04 23 HCS 2,00 MFS 0.50
9C S04 23 HCS 1,00 MFS 0.50
21M S04 23 HCS 3,00 MFS 1.00
10B S04 23 HCS 2,00 MFS 0.50
9D S04 23 HCS 1,00 MFS 0.50
4B S04 23 HCS 2,00 MFS 0.50
1A S04 23 HCS 2,50 MFS 0.75
20M S04 23 HCS 1,00 MFS 0.50
9F S04 23 HCS 2,00 MFS 0.50
1A S04 23 HCS 2,50 MFS 0.75
1B S04 23 HCS 2,50 MFS 0.50
22A S04 23 HCS 3,00 MFS 1.00
1A S04 23 HCS 2,00 MFS 0.50
22A S04 23 HCS 2,50 MFS 0.50
10A S04 23 HCS 2,50 MFS 0.50
13I S04 23 HCS 2,00 MFS 0.50
14E S04 23 HCS 3,25 MFS 1.00
14B S04 23 HCS 2,50 MFS 0.75
14B S04 23 HCS 2,00 MFS 0.50
22B S04 23 HCS 3,75 MFS 1.50
7E S04 23 HCS 3,00 MFS 1.00
20I S04 23 HCS 3,00 MFS 0.75
11F S04 23 HCS 2,50 MFS 0.75
6K S04 23 HCS 3,25 MFS 1.25
13H S04 23 HCS 3,75 MFS 1.75
22B S04 23 HCS 3,00 MFS 0.75
20D S04 23 HCS 2,00 MFS 0.50
21M S04 23 HCS 2,00 MFS 0.50
12A S04 23 HCS 1,00 MFS 0.50
22A S04 23 HCS 1,00 MFS 0.50
22B S04 23 HCS 2,50 MFS 0.75
9F S04 23 HCS 3,00 MFS 1.00
11F S04 23 HCS 4,00 MFS 1.00
14B S04 23 HCS 3,00 MFS 1.00
9J S04 23 HCS 1,00 MFS 0.50
10C S04 23 HCS 1,00 MFS 0.50
17I S04 23 HCS 3,00 MFS 0.75
9B S04 23 HCS 2,00 MFS 0.50
3B S04 23 HCS 2,00 MFS 0.50
20I S04 23 HCS 2,00 MFS 0.50
9F S04 23 HCS 1,00 MFS 0.50
3B S04 23 HCS 4,00 MFS 1.25
18D S04 23 HCS 3,00 MFS 0.75
14D S04 23 HCS 1,00 MFS 0.50
4B S04 23 HCS 1,00 MFS 0.50
1A S04 23 HCS 5,00 MFS 1.00
4B S04 23 HCS 1,00 MFS 0.50
6S S04 23 HCS 1,00 MFS 0.50
20K S04 23 HCS 2,00 MFS 0.50
9B S04 23 HCS 3,00 MFS 0.75
9I S04 23 HCS 3,00 MFS 0.75
4A S04 23 HCS 2,00 MFS 0.50
5B S04 23 HCS 2,00 MFS 0.50
9B S04 23 HCS 1,00 MFS 0.50
14B S04 23 HCS 5,00 MFS 1.25
5B S04 23 HCS 1,00 MFS 0.50
1A S04 23 HCS 3,00 MFS 0.75
20M S04 23 HCS 3,00 MFS 0.75
6S S04 23 HCS 1,00 MFS 0.50
20M S04 23 HCS 1,00 MFS 0.50
12A S04 23 HCS 5,00 MFS 1.25
13M S04 23 HCS 3,00 MFS 0.75
5A S04 23 HCS 2,00 MFS 0.50
14B S04 23 HCS 2,50 MFS 0.50
20D S04 23 HCS 2,50 MFS 0.75
1A S04 23 HCS 1,00 MFS 0.50
11F S04 23 HCS 1,00 MFS 0.50
5M S04 23 HCS 6,00 MFS 3.00
20K S04 23 HCS 1,00 MFS 0.50
9A S04 23 HCS 2,00 MFS 0.50
20A S04 23 HCS 2,50 MFS 0.50
11F S04 23 HCS 2,00 MFS 0.50
5M S04 23 HCS 3,25 MFS 1.25
13M S04 23 HCS 2,50 MFS 0.75
20M S04 23 HCS 2,00 MFS 0.50
10A S04 23 HCS 3,00 MFS 0.75
20F S04 23 HCS 1,00 MFS 0.50
9F S04 23 HCS 3,00 MFS 0.75
10C S04 23 HCS 5,00 MFS 1.25
7D S04 23 HCS 1,00 MFS 0.50
20M S04 23 HCS 3,00 MFS 0.75
11F S04 23 HCS 2,00 MFS 0.50
13H S04 23 HCS 2,00 MFS 0.50
6C S04 23 HCS 1,00 MFS 0.50
14B S04 23 HCS 2,00 MFS 0.50
6B S04 23 HCS 2,00 MFS 0.50
6B S04 23 HCS 4,25 MFS 2.00
6B S04 23 HCS 4,25 MFS 2.00
6B S04 23 HCS 4,25 MFS 2.00
6B S04 23 HCS 2,50 MFS 0.50
5M S04 23 HCS 2,00 MFS 0.50
20M S04 23 HCS 2,50 MFS 0.75
4A S04 23 HCS 2,50 MFS 0.75
3B S04 23 HCS 2,50 MFS 0.75
1A S04 23 HCS 2,50 MFS 0.75
1B S04 23 HCS 2,50 MFS 0.75

12A T66 24 HCS 4,00 MFS 0.75

AD-641 844
ORDBB-NR-106
AD-641 495
ORNL-TM-1295
N66-38713
ORNL-TM-1630
N66-38496
ORNL-3888
N66-33434
PA-TR-3294
AD-641 895
PA-TR-3320
AD-641 974
PA-TR-3346
AD-641 872
PA-TR-3357
AD-641 893
PA-TR-3360
AD-641 957
PA-TR-3458
AD-641 643
PB-173 174
PB-173 175
PB-173 247
PB-173 339
PB-173 362
PB-173 368
PB-173 382
PB-173 383
PB-173 384
PB-173 385
PB-173 386
PB-173 387
PB-173 388
PB-173 389
PB-173 390
PB-173 391
PB-173 392
PB-173 393
PB-173 394
PB-173 395
PB-173 396
PB-173 397
PB-173 398
PB-173 399
PB-173 400
PB-173 401
PB-173 402
PB-173 403
PB-173 404
PB-173 405
PB-173 406
PB-173 409
PB-173 410
PB-173 411
PB-173 412
PB-173 413
PB-173 417
PB-173 419
PB-173 421
PB-173 423
PB-173 426
PB-173 427
PB-173 429
PB-173 433
PB-173 435
PB-173 442
PB-173 443
PB-173 444
PB-173 448
PB-173 449
PB-173 450
PB-173 453
PB-173 454
PB-173 460
PB-173 461
PB-173 462
PB-173 464
PB-173 466
PB-173 467
PB-173 468
PB-173 469
PB-173 470
PB-173 471
PB-173 472
PB-173 473
PB-173 474
PB-173 475
PB-173 476
PB-173 477
PB-173 478
PB-173 480
PB-173 481
PB-173 482
PB-173 483
PB-173 485
PB-173 486
PB-173 487
PB-173 488
PB-173 489
PB-173 490
PB-173 491
PB-173 493
PB-173 494
PB-173 495
PB-173 496
PB-173 497
PB-173 498
PB-173 500
PB-173 501
PB-173 502

13B T66 24 HC$ 2.00 MF$ 0.50
14D T66 24 HC$ 1.60 MF$ 0.50
18D S04 23 HC$ 3.00 MF$ 0.75
7E S04 23 HC$ 3.00 MF$ 1.00
18K S04 19 HC$ 3.00 MF$ 0.75
6D T66 24 HC$ 2.00 MF$ 0.50
13H T66 24 HC$ 1.00 MF$ 0.50
11A T66 24 HC$ 2.00 MF$ 0.50
19A T66 24 HC$ 2.00 MF$ 0.50
19A T66 24 HC$ 1.00 MF$ 0.50
19A T66 24 HC$ 2.00 MF$ 0.50
5E U41 24 HC$ 1.40 MF$ 0.50
9E U41 24 HC$ 5.60 MF$ 0.50
9A U41 24 HC$ 3.00 MF$ 0.75
14B U41 24 HC$ 2.00 MF$ 0.50
13B U41 24 HC$ 2.60 MF$ 0.50
11G U41 24 HC$ 8.60 MF$ 0.75
10A U41 24 HC$ 3.00 MF$ 0.75
7D U41 24 HC$ 4.00 MF$ 0.75
6R U41 24 HC$ 2.00 MF$ 0.50
18J U41 24 HC$ 3.00 MF$ 0.75
20I U41 24 HC$ 4.00 MF$ 0.75
7E U41 24 HC$ 3.00 MF$ 0.75
18D U41 24 HC$ 5.00 MF$ 1.00
18G U41 24 HC$ 2.00 MF$ 0.50
20H U41 24 HC$ 2.00 MF$ 0.50
7D U41 24 HC$ 3.00 MF$ 0.75
20I U41 24 HC$ 3.00 MF$ 0.75
20H U41 24 HC$ 3.00 MF$ 0.75
7E U41 24 HC$ 1.00 MF$ 0.50
14B U41 24 HC$ 4.00 MF$ 0.75
7D U41 24 HC$ 3.00 MF$ 0.75
14B U41 24 HC$ 1.00 MF$ 0.50
7E U41 24 HC$ 4.00 MF$ 0.75
7D U41 24 HC$ 3.00 MF$ 0.75
20L U41 24 HC$ 3.00 MF$ 0.75
20H U41 24 HC$ 3.00 MF$ 0.75
20G U41 24 HC$ 3.00 MF$ 0.75
13A U41 24 HC$ 1.00 MF$ 0.50
13B U41 24 HC$ 5.00 MF$ 1.00
13E U41 24 HC$ 1.00 MF$ 0.50
13M U41 24 HC$ 2.00 MF$ 0.50
20K U41 24 HC$ 3.00 MF$ 0.50
13B U41 24 HC$ 2.00 MF$ 0.50
13C U41 24 HC$ 3.00 MF$ 0.75
13L U41 24 HC$ 1.00 MF$ 0.50
11F U41 24 HC$ 1.00 MF$ 0.50
13B U41 24 HC$ 3.00 MF$ 0.75
19E U41 24 HC$ 8.60 MF$ 2.25
13B U41 24 HC$ 2.00 MF$ 0.50
4B U41 24 HC$ 4.00 MF$ 0.75
4B U41 24 HC$ 1.00 MF$ 0.50
4B U41 24 HC$ 3.00 MF$ 0.75
4A U41 24 HC$ 3.00 MF$ 0.75
4B U41 24 HC$ 3.00 MF$ 0.75
8H U41 24 HC$ 2.00 MF$ 0.50
12A U41 24 HC$ 1.00 MF$ 0.50
3B U41 24 HC$ 3.00 MF$ 0.75
3B U41 24 HC$ 3.00 MF$ 0.75
8H U41 24 HC$ 3.00 MF$ 0.75
14B U41 24 HC$ 1.00 MF$ 0.50
9C U41 24 HC$ 1.00 MF$ 0.50
20D U41 24 HC$ 3.00 MF$ 0.75
11J U41 24 HC$ 3.00 MF$ 0.75
5C U41 24 HC$ 2.00 MF$ 0.50
5B U41 24 HC$ 1.10 MF$ 0.50
6O U41 24 HC$ 1.00 MF$ 0.50
20D U41 24 HC$ 3.00 MF$ 0.50
6O U41 24 HC$ 3.00 MF$ 0.75
6O U41 24 HC$ 2.00 MF$ 0.50
14B U41 24 HC$ 1.25 MF$ 0.50
11L U41 24 HC$ 2.60 MF$ 0.50
11L U41 24 HC$ 3.60 MF$ 0.50
19D U41 24 HC$ 4.60 MF$ 0.50
1B U41 24 HC$ 12.60 MF$ 0.75
13F U41 24 HC$ 2.00 MF$ 0.50
6E U41 24 HC$ 1.40 MF$ 0.50
13M U41 24 HC$ 2.00 MF$ 0.50
5A U41 24 HC$ 1.60 MF$ 0.50
5B U41 24 HC$ 2.00 MF$ 0.50
18F U41 24 HC$ 3.00 MF$ 0.75
14B U41 24 HC$ 2.00 MF$ 0.50
13M U41 24 HC$ 3.00 MF$ 0.50
9E U41 24 HC$ 1.00 MF$ 0.50
6E U41 24 HC$ 3.00 MF$ 0.75
14B U41 24 HC$ 1.00 MF$ 0.50
22B U41 24 HC$ 4.00 MF$ 0.75
13B U41 24 HC$ 6.00 MF$ 1.25
11B U41 24 HC$ 3.00 MF$ 0.75
13B U41 24 HC$ 2.00 MF$ 0.50
13B U41 24 HC$ 4.00 MF$ 1.00
13C U41 24 HC$ 2.00 MF$ 0.50
13B U41 24 HC$ 2.00 MF$ 0.50
8B U41 24 HC$ 2.00 MF$ 0.50
13M U41 24 HC$ 1.60 MF$ 0.50
8H U41 24 HC$ 3.00 MF$ 0.75
8H U41 24 HC$ 1.00 MF$ 0.50
8B U41 24 HC$ 1.10 MF$ 0.50
9C U41 24 HC$ 1.00 MF$ 0.50
9C U41 24 HC$ 1.00 MF$ 0.50
9C U41 24 HC$ 1.00 MF$ 0.50

PB-173 503
PB-173 504
PB-173 506
PB-173 514
PB-173 517
PIBAL-984
AD-641 612
PIB-MRI-1323-66
AD-641 898
PIB-MRI-1339-66
AD-641 898
PIB-419
AD-111 685
PIB-503R-583-57
PB-173 175
PIFR-132
N66-32788
PLASTEC-27
AD-641 666
PUB-1143
PB-173 469
PUB-66-5
PB-173 453
PWA-2897
N66-38491
PWA-2911
AD-641 412
P-1629
AD-224 277
P-3061-1
AD-641 954
P-3427
AD-641 442
P-3455
AD-641 330
P-3456
AD-641 644
P-3469
AD-641 665
P-3470
AD-641 956
P-3471
AD-641 905
P-3474
AD-641 955
RADC-SP-66-10
AD-641 365
RADC-SP-66-7
AD-641 563
RADC-TDR-62-48A
AD-641 899
RADC-TN-58-258
PB-173 175
RADC-TN-60-255
AD-248 052
RADC-TR-65-296
AD-641 814
RADC-TR-66-122
AD-641 648
RADC-TR-66-123
AD-641 378
RADC-TR-66-489
AD-641 898
RADC-TR-66-495
AD-641 856
RADC-TR-66-497
AD-641 674
RAD-TR-64-17
N66-33713
RDR-1398-2
N66-38147
REC-66518A
N66-37905
REF-M66-41
AD-641 769
REF-66-237
AD-641 364
REF-66-3
AD-641 421
REPT.-11
N66-34837
REPT.-37
N66-33774
REPT.-5
N66-33118
RF-1233-40
AD-274 969
RL-283
N66-33383
RMD-6026-01
AD-338 257
RM-1002
AD-85 471
RM-1217
AD-80 638
RM-1220
AD-85 423
RM-1238
AD-85 427
RM-1321
AD-85 982
RM-1643
AD-101 072
RM-1710
AD-101 000
RM-21
AD-641 460
RM-2169
AD-238 041
RM-240
AD-224 572

9C U41 24 HC$ 1.00 MF$ 0.50
9C U41 24 HC$ 1.00 MF$ 0.50
11L U41 24 HC$ 4.00 MF$ 0.75
5G U41 24 HC$ 1.60 MF$ 0.50
14B U41 24 HC$ 3.00 MF$ 0.65
21B T66 24 HC$ 2.00 MF$ 0.50
9E T66 24 HC$ 4.00 MF$ 0.75
9E T66 24 HC$ 4.00 MF$ 0.75
14B U41 24 HC$ 2.60
9E U41 24 HC$ 5.60 MF$ 0.50
14B S04 19 HC$ 2.50 MF$ 0.75
11I T66 24 HC$ 4.00 MF$ 1.00
11L U41 24 HC$ 2.60 MF$ 0.50
20D U41 24 HC$ 3.00 MF$ 0.75
13I S04 23 HC$ 2.00 MF$ 0.50
10B T66 24 HC$ 2.00 MF$ 0.50
9C U41 24 HC$ 1.10
20M T66 24 HC$ 1.00 MF$ 0.50
5A T66 24 HC$ 1.00 MF$ 0.50
8C T66 24 HC$ 3.00 MF$ 0.75
13F T66 24 HC$ 3.00 MF$ 0.50
5D T66 24 HC$ 1.00 MF$ 0.50
15G T66 24 HC$ 1.00 MF$ 0.50
5C T66 24 HC$ 1.00 MF$ 0.50
5A T66 24 HC$ 1.00 MF$ 0.50
5A T66 24 HC$ 1.00 MF$ 0.50
9A T66 24 HC$ 1.00 MF$ 0.50
20I T66 24 HC$ 9.60 MF$ 0.75
9E U41 24 HC$ 5.60 MF$ 0.50
20I U41 24 HC$ 1.60
5J T66 24 HC$ 9.20 MF$ 2.75
9E T66 24 HC$ 4.00 MF$ 0.75
9A T66 24 HC$ 3.00 MF$ 0.75
9E T66 24 HC$ 4.00 MF$ 0.75
9A T66 24 HC$ 4.00 MF$ 0.75
20F T66 24 HC$ 1.00 MF$ 0.75
20D S04 19 HC$ 2.50 MF$ 0.50
11F S04 23 HC$ 4.00 MF$ 1.00
14B S04 23 HC$ 3.00 MF$ 0.75
8A T66 24
8J T66 24 HC$ 3.00 MF$ 0.75
6C T66 24
9C S04 19 HC$ 2.00 MF$ 0.50
8N S04 19 HC$ 3.75 MF$ 1.50
3B S04 19 HC$ 4.00 MF$ 1.00
20L U41 24 HC$ 4.60
20N S04 19 HC$ 1.00 MF$ 0.50
11G U41 24 HC$ 2.60
15E U41 24 HC$ 3.60
17I U41 24 HC$ 4.60
17G U41 24 HC$ 5.60
17I U41 24 HC$ 3.60
17G U41 24 HC$ 2.60
17I U41 24 HC$ 2.60
17G U41 24 HC$ 2.60
12A T66 24 HC$ 1.00 MF$ 0.50
17G U41 24 HC$ 4.60
15G U41 24 HC$ 1.10

RM-2415
AD-227 738 15G U41 24 HC$ 9.60
RM-245
AD-102 897 17G U41 24 HC$ 1.60
RM-246
AD-102 896 1B U41 24 HC$ 1.60
RM-2566
AD-241 637 1C U41 24 HC$ 4.60
RM-2681
AD-252 918 9B U41 24 HC$ 3.60
RM-4297-ISA
AD-641 855 5C T66 24 HC$ 2.00 MF$ 0.50
RM-454
AD-116 555 9D U41 24 HC$ 5.60
RM-4693-PR
AD-641 357 12B T66 24 HC$ 5.00 MF$ 1.00
RM-4801-PR
AD-641 335 15E T66 24 HC$ 3.00 MF$ 0.75
RM-4876-PR
AD-641 655 19D T66 24 HC$ 3.00 MF$ 0.50
RM-4964-PR
AD-641 329 12A T66 24 HC$ 2.00 MF$ 0.50
RM-5009-NASA
N66-38714 14D S04 23 HC$ 1.00 MF$ 0.50
RM-5019-PR
AD-641 336 5A T66 24 HC$ 2.00 MF$ 0.50
RM-5139-PR
AD-641 323 12A T66 24 HC$ 3.00 MF$ 0.75
RM-5188-PR
AD-641 667 12A T66 24 HC$ 1.00 MF$ 0.50
RM-753
AD-101 882 17I U41 24 HC$ 4.00
RM-754
AD-101 287 17I U41 24 HC$ 8.60
RPE-TR-66/3
AD-641 902 11F T66 24 HC$ 2.00 MF$ 0.50
RPP-966
N66-38361 14B S04 23 HC$ 2.00 MF$ 0.50
RP-P-158
AD-641 430 17I T66 24 HC$ 3.00 MF$ 0.75
RP-P-186
AD-469 248 14A U41 24 HC$ 2.00 MF$ 0.50
RP-P-264
AD-641 429 20I T66 24 HC$ 4.00 MF$ 0.75
RR 19-4
PB-173 417 13B U41 24 HC$ 3.00 MF$ 0.75
RR-15
AD-457 167 5I U41 24 HC$ 3.00
RR-22
PB-173 421 13B U41 24 HC$ 2.00 MF$ 0.50
RR-47
PB-173 412 13L U41 24 HC$ 1.00 MF$ 0.50
RR-489
AD-111 685 14B U41 24 HC$ 2.60
RR-502
AD-641 661 20I T66 24 HC$ 3.00 MF$ 0.50
RR-63-2-65-REV.
PB-173 493 13B U41 24 HC$ 2.00 MF$ 0.50
RR-65-10
PB-173 488 11B U41 24 HC$ 3.00 MF$ 0.75
RR-66-21
N66-32962 13I S04 19 HC$ 4.00 MF$ 0.75
RSIC-U-66-35
N66-38726 5B S04 23 HC$ 1.00 MF$ 0.50
RSIC-534
N66-33390 9A S04 19 HC$ 3.00 MF$ 0.75
RSIC-535
N66-38728 20M S04 23 HC$ 3.00 MF$ 0.75
RSIC-562
N66-38715 4B S04 23 HC$ 1.00 MF$ 0.50
RSIC-578
N66-38717 4B S04 23 HC$ 1.00 MF$ 0.50
RURAL SOCIOLOGY-49
AD-641 645 15C T66 24 HC$ 7.00 MF$ 1.75
RURAL SOCIOLOGY-49S
AD-641 646 15C T66 24 HC$ 2.00 MF$ 0.50
R-108-VOL-1
AD-457 945 22B U41 24 HC$ 3.00
R-108-VOL-2
AD-465 789 22B U41 24 HC$ 6.00 MF$ 1.50
R-145
N66-32715 20M S04 19 HC$ 2.50 MF$ 0.75
R-182
N66-33433 21I S04 19 HC$ 2.00 MF$ 0.50
R-299
N66-34048 13M S04 19 HC$ 1.00 MF$ 0.50
R-311
AD-641 832 20J T66 24 HC$ 5.00 MF$ 1.00
R-6636-1
N66-32923 21M S04 19 HC$ 3.75 MF$ 1.25
R66SD3012
N66-38725 14B S04 23 HC$ 5.00 MF$ 1.25
R66-34
AD-641 340 20D T66 24 HC$ 6.00 MF$ 1.25
SAM-TR-65-292
AD-641 826 6A T66 24
SAM-TR-65-298
AD-641 823 6M T66 24
SAM-TR-65-299
AD-641 825 6M T66 24
SAM-TR-65-301
AD-641 821 6M T66 24
SAM-TR-66-215
AD-641 817 6S T66 24
SAM-TR-66-231
AD-641 828 6S T66 24
SAM-TR-66-233
AD-641 827 6S T66 24
SAM-TR-66-242
AD-641 830 6S T66 24
SAM-TR-66-243
AD-641 804 6S T66 24
SAM-TR-66-244
AD-641 816 6S T66 24
SAM-TR-66-246
AD-641 806 6S T66 24
SAM-TR-66-247
AD-641 807 6S T66 24
SAM-TR-66-250
AD-641 818 6S T66 24
SAM-TR-66-252
AD-641 805 6S T66 24
SAM-TR-66-253
AD-641 819 6S T66 24
SAM-TR-66-255
AD-641 953 6S T66 24
SAM-TR-66-256
AD-641 820 6S T66 24
SAM-TR-66-257
AD-641 829 6S T66 24
SAM-TR-66-82
AD-641 566 6S T66 24 HC$ 1.00 MF$ 0.50
SAM-TR-66-83
AD-641 567 6A T66 24 HC$ 1.00 MF$ 0.50
SAM-TR-66-84
AD-641 569 6S T66 24 HC$ 1.00 MF$ 0.50
SAM-TR-66-87
AD-641 568 6S T66 24 HC$ 1.00 MF$ 0.50
SAM-TR-66-88
AD-641 570 6S T66 24 HC$ 1.00 MF$ 0.50
SAM-TR-66-96
AD-641 571 6L T66 24 HC$ 1.00 MF$ 0.50
SCIENTIFIC-1
AD-641 614 9A T66 24 HC$ 3.00 MF$ 0.75
AD-641 899 20I T66 24 HC$ 9.60 MF$ 0.75
AD-641 995 11F T66 24 HC$ 2.00 MF$ 0.50
SCIENTIFIC-1-APP-A
AD-641 676 22B T66 24 HC$ 5.00 MF$ 1.00
SCIENTIFIC-10
AD-641 562 9D T66 24 HC$ 2.00 MF$ 0.50
SCIENTIFIC-2
AD-641 671 6D T66 24 HC$ 6.00 MF$ 1.25
AD-641 998 11F T66 24 HC$ 2.00 MF$ 0.50
SCIENTIFIC-4
AD-641 897 20N T66 24 HC$ 2.00 MF$ 0.50
SCIENTIFIC-6
AD-641 456 9A T66 24 HC$ 3.00 MF$ 0.50
SCIENTIFIC-7
AD-641 367 4A T66 24 HC$ 3.00 MF$ 0.75
SCIENTIFIC-9
AD-641 561 9D T66 24 HC$ 3.00 MF$ 0.50
SC-RR-66-421
N66-32963 6T S04 19 HC$ 2.00 MF$ 0.50
SEG RESEARCH CONTRIB-6
AD-641 822 5C T66 24 HC$ 2.00 MF$ 0.50
SERIES-7-ISSUE-53
AD-641 972 3B T66 24 HC$ 1.00 MF$ 0.50
SER-47
PB-173 409 20K U41 24 HC$ 3.00 MF$ 0.50
SER-62
PB-173 406 13M U41 24 HC$ 2.00 MF$ 0.50
SGC-482-10
AD-641 578 7B T66 24 HC$ 2.00 MF$ 0.50
SGC-916FR-1
AD-641 676 22B T66 24 HC$ 5.00 MF$ 1.00
SM-47708
N66-33408 20M S04 19 HC$ 4.00 MF$ 0.75
SM-5
N66-38362 20K S04 23 HC$ 2.00 MF$ 0.50
SN-134-16
AD-641 849 8C T66 24 HC$ 4.00 MF$ 0.75
SORIN-78
N66-38060 20B S04 23 HC$ 1.00 MF$ 0.50
SORIN-86
N66-38087 18G S04 23 HC$ 2.00 MF$ 0.50
SPECDEVCEN-166-I-129
AD-58 739 5H U41 24 HC$ 1.10
SPECDEVCEN-166-I-95
AD-90 619 5E U41 24 HC$ 2.60
SPECDEVCEN-166-1-21
AD-44 181 9E U41 24 HC$ 3.60
SPECDEVCEN-241-6-10
AD-51 494 5E U41 24 HC$ 1.10
SPECDEVCEN-241-6-11
AD-92 507 5E U41 24 HC$ 2.60
SPECDEVCEN-241-6-14
AD-109 236 5E U41 24 HC$ 1.10
SPECDEVCEN-241-6-15
AD-109 237 5E U41 24 HC$ 1.10
SPECDEVCEN-241-6-16
AD-109 238 5E U41 24 HC$ 1.60
SPECDEVCEN-241-6-9
AD-109 235 5E U41 24 HC$ 1.10
SPECDEVCEN-279-1-09
AD-641 316 6E T66 24 HC$ 2.00 MF$ 0.50
SPECDEVCEN-279-1-10
AD-641 319 6E T66 24 HC$ 5.00 MF$ 1.00
SPECDEVCEN-279-1-11
AD-641 317 6E T66 24 HC$ 6.00 MF$ 1.25
SPECDEVCEN-279-1-12
AD-641 318 6E T66 24 HC$ 2.00 MF$ 0.50
SPECDEVCEN-279-3-1
AD-641 458 5E T66 24
SPECDEVCEN-279-3-4
AD-641 446 17I T66 24 HC$ 2.00 MF$ 0.50
SPECDEVCEN-279-3-5
AD-641 448 15C T66 24 HC$ 7.60 MF$ 0.75
SPECDEVCEN-279-3-6
AD-641 452 17I T66 24 HC$ 2.00 MF$ 0.50
SPECDEVCEN-279-3-7
AD-641 455 15C T66 24 HC$ 3.00 MF$ 0.75
SPECDEVCEN-316-1-1

AD-641 582	5I	T66	24	HCS	6.60	MFS	0.75
SPECDEVCEN-316-1-10 AD-641 586	5I	T66	24	HCS	1.00	MFS	0.50
SPECDEVCEN-316-1-2 AD-641 581	5I	T66	24	HCS	6.60	MFS	0.75
SPECDEVCEN-316-1-3 AD-641 580	5I	T66	24	HCS	3.60	MFS	0.50
SPECDEVCEN-316-1-4 AD-641 584	5I	T66	24	HCS	2.00	MFS	0.50
SPECDEVCEN-316-1-5 AD-641 585	5I	T66	24	HCS	2.00	MFS	0.50
SPECDEVCEN-316-1-6 AD-641 583	5I	T66	24	HCS	3.60	MFS	0.50
SPECDEVCEN-316-1-8 AD-641 587	5I	T66	24	HCS	3.60	MFS	0.50
SPECDEVCEN-383-04-1 AD-641 912	5I	T66	24	HCS	2.00	MFS	0.50
SPECDEVCEN-383-1-1 AD-641 599	5I	T66	24	HCS	7.60	MFS	0.75
SPECDEVCEN-383-1-10 AD-641 592	5I	T66	24	HCS	1.00	MFS	0.50
SPECDEVCEN-383-1-12 AD-641 593	5I	T66	24	HCS	2.00	MFS	0.50
SPECDEVCEN-383-1-13 AD-641 589	5I	T66	24	HCS	12.60	MFS	0.75
SPECDEVCEN-383-1-2 AD-641 597	5I	T66	24	HCS	2.60	MFS	0.50
SPECDEVCEN-383-1-3 AD-641 596	5I	T66	24	HCS	5.60	MFS	0.50
SPECDEVCEN-383-1-4 AD-641 594	5I	T66	24	HCS	3.60	MFS	0.50
SPECDEVCEN-383-1-5 AD-641 598	5I	T66	24	HCS	2.00	MFS	0.50
SPECDEVCEN-383-1-6 AD-641 588	5I	T66	24	HCS	2.00	MFS	0.50
SPECDEVCEN-383-1-7 AD-641 595	5I	T66	24	HCS	2.00	MFS	0.50
SPECDEVCEN-383-1-8 AD-641 599	5I	T66	24	HCS	14.90	MFS	1.00
SPECDEVCEN-383-1-9 AD-641 591	5I	T66	24	HCS	2.00	MFS	0.50
SPECDEVCEN-383-2-1-SUPPL-1 AD-641 600	5I	T66	24	HCS	3.00	MFS	0.75
SPECDEVCEN-383-2-1-SUPPL-2 AD-641 601	5I	T66	24	HCS	2.00	MFS	0.50
SPECDEVCEN-383-5-3 AD-641 824	5I	T66	24	HCS	3.00	MFS	0.75
SPECDEVCEN-383-6-1 AD-641 850	5I	T66	24	HCS	10.60	MFS	0.75
SPECDEVCEN-383-6-2 AD-641 879	5I	T66	24	HCS	7.60	MFS	0.75
SP-166-D N66-33865	22D	S04	19	HCS	7.80	MFS	1.75
SP-1679-001-00 AD-448 610	5B	U41	24	HCS	2.00		
SP-2557 PB-173 477	5B	U41	24	HCS	2.00	MFS	0.50
SP-913 PB-173 474	6E	U41	24	HCS	1.60	MFS	0.50
SRDS-RD-66-42 AD-641 698	17G	T66	24	HCS	4.00	MFS	1.00
SRDS-RD-66-52 AD-641 962	17G	T66	24	HCS	1.00	MFS	0.50
SRM-67-8 AD-641 813	5J	T66	24	HCS	2.00	MFS	0.50
SR-1 N66-38228	6P	S04	23	HCS	2.00	MFS	0.50
SR-100 AD-641 482	8L	T66	24	HCS	1.00	MFS	0.50
SR-220 PB-173 444	3B	U41	24	HCS	3.60	MFS	0.75
SR-221 PB-173 443	3B	U41	24	HCS	3.00	MFS	0.75
SR-38 AD-641 769	8A	T66	24				
SR-6 AD-641 366	8K	T66	24	HCS	3.00	MFS	0.75
SR-67-1 PB-173 496	8M	U41	24	HCS	3.00	MFS	0.75
SR66-11 PB-173 418	13B	U41	24	HCS	2.00	MFS	0.50
SSC-176 AD-641 333	13J	T66	24	HCS	2.00	MFS	0.50
SSD-TDR 64-36 AD-456 624	28I	U41	24	HCS	1.00		
SSR-1F2704-65 AD-641 913	18D	T66	24	HCS	4.00	MFS	0.75
STRUCTURAL RESEARCH SER-388 AD-488 198	28K	U41	24	HCS	4.00	MFS	0.75
ST-PR-10496 N66-33397	22B	S04	19	HCS	1.00	MFS	0.50
SUDAER-161 N66-32786	20M	S04	19	HCS	2.50	MFS	0.75
SU-SEL-64-026 AD-443 844	6D	U41	24	HCS	10.60		
SU-SEL-64-053 AD-442 497	28H	U41	24	HCS	9.60		
SU-SEL-64-073 AD-452 983	28L	U41	24	HCS	25.10		
SU-SEL-64-112 AD-455 745	9B	U41	24	HCS	3.00		
SU-SEL-66-051 PB-173 482	9E	U41	24	HCS	1.00	MFS	0.50
TAE-48 AD-641 971	28K	T66	24	HCS	5.00	MFS	1.00
TDCK-43744 N66-38347	13B	S04	23	HCS	1.00	MFS	0.50
TDR-469(9240-01)-1 AD-456 624	28I	U41	24	HCS	1.00		
TECHNICAL NOTE TN-CPM-74 AD-449 913	7D	U41	24	HCS	1.60		
TEC-585 N66-33285	4B	S04	19	HCS	2.00	MFS	0.50
TEC-591 N66-33119	4B	S04	19	HCS	2.00	MFS	0.50
TEL-53 N66-33037	20N	S04	19	HCS	1.00	MFS	0.50
TE-15-67 AD-641 432	10B	T66	24	HCS	3.00	MFS	0.75
TG-230-82 AD-641 504	20N	T66	24	HCS	1.00	MFS	0.50
TG-729 AD-641 502	17G	T66	24	HCS	1.00	MFS	0.50
TG-853 AD-641 501	17B	T66	24	HCS	2.00	MFS	0.50
TIR-12.3.1.1(1) AD-478 889	14E	U41	24	HCS	1.00	MFS	0.50
TM-13 AD-445 787	7D	U41	24	HCS	3.60		
TM-65-1032-3 N66-33573	12A	S04	19	HCS	2.00	MFS	0.50
TM-65-5 AD-478 823	21H	U41	24	HCS	3.00	MFS	0.75
TM-705/040/01 AD-422-112	9B	U41	24	HCS	1.10		
TN-CPM-74 AD-449 913	7C	U41	24	HCS	1.60		
TN-HSA-118 PB-173 471	19D	U41	24	HCS	4.60	MFS	0.50
TN-IEE-56 AD-455 274	17G	U41	24	HCS	1.00		
TN-SPACE-61 AD-443 216	22C	U41	24	HCS	3.60		
TN-1966-15 AD-641 641	17I	T66	24	HCS	1.00	MFS	0.50
TN-1966-48 AD-641 640	17I	T66	24	HCS	2.00	MFS	0.50
TN-1966-52 AD-641 959	9E	T66	24	HCS	2.00	MFS	0.50
TN-1966-56 AD-641 603	17I	T66	24	HCS	2.00	MFS	0.50
TP-40 PB-173 475	13M	U41	24	HCS	2.00	MFS	0.50
TP-41 PB-173 470	11L	U41	24	HCS	3.60	MFS	0.50
TRANS-1174 AD-641 752	6D	T66	24	HCS	1.00	MFS	0.50
TRANS-1179 AD-641 751	6A	T66	24	HCS	1.00	MFS	0.50
TRANS-1180 AD-641 749	6D	T66	24	HCS	1.00	MFS	0.50
TRANS-1385 AD-641 748	6C	T66	24	HCS	2.00	MFS	0.50
TRANS-1463 AD-641 747	6F	T66	24	HCS	1.00	MFS	0.50
TRANS-1640 AD-641 425	8A	T66	24	HCS	1.00	MFS	0.50
TRANS-1641 AD-641 426	8A	T66	24	HCS	1.00	MFS	0.50
TRANS-1642 AD-641 750	6C	T66	24	HCS	1.00	MFS	0.50
TRANS-1712 AD-641 427	6E	T66	24	HCS	1.00	MFS	0.50
TRANS-1939 AD-641 424	6C	T66	24	HCS	1.00	MFS	0.50
TRG-1069/C/ N66-37780	18M	S04	23	HCS	2.00	MFS	0.50
TRG-1239/C/ N66-33110	18K	S04	19	HCS	1.00	MFS	0.50
N66-37785	20B	S04	23	HCS	1.00	MFS	0.50
TRG-1239/C/, PT. 3 N66-37785	20B	S04	23	HCS	1.00	MFS	0.50
TRG-1248/C/ N66-33035	11F	S04	19	HCS	1.00	MFS	0.50
TRG-1252/C/ N66-37781	18I	S04	23	HCS	2.00	MFS	0.50
TRG-1269/R/ N66-37936	20K	S04	23	HCS	2.00	MFS	0.50
TRN-171 AD-641 327	15D	T66	24	HCS	2.00	MFS	0.50
TRN-177 AD-641 909	5I	T66	24	HCS	2.00	MFS	0.50
TRW-ER-6371 AD-471 437	13I	U41	24	HCS	4.60	MFS	0.50
TRW-ER-6661-9 N66-38499	6K	S04	23	HCS	3.25	MFS	1.25
TRW-ER-6873 N66-33504	11F	S04	19	HCS	3.00	MFS	1.00
TRW-4381-6017-RO-000 N66-38759	10A	S04	23	HCS	3.00	MFS	0.75
TRW-4455-6002-RU-000 N66-32722	4A	S04	19	HCS	2.50	MFS	0.75
TRW-4541-6003-RO-000 N66-33389	20M	S04	19	HCS	2.00	MFS	0.50
TRW-5435-6005-TU-000 N66-33714	21B	S04	19	HCS	2.00	MFS	0.50
TR-ES-15 AD-462 122	4A	U41	24	HCS	5.60		
TR-1 AD-641 575	7C	T66	24	HCS	1.00	MFS	0.50
TR-10 AD-641 578	7B	T66	24	HCS	2.00	MFS	0.50
N66-38275	9A	S04	23	HCS	1.00	MFS	0.50
TR-100 AD-641 395	5J	T66	24	HCS	3.00	MFS	0.75
TR-12 AD-485 338	12A	U41	24	HCS	4.60		
AD-641 652	5A	T66	24	HCS	1.00	MFS	0.50
TR-13 AD-641 499	12B	T66	24	HCS	5.00	MFS	1.00
TR-14 AD-641 398	20B	T66	24	HCS	2.00	MFS	0.50

AD-641 699
TR-15
AD-641 400
AD-641 624
TR-17
AD-641 891
TR-18
AD-641 511
TR-18-PT-8
AD-641 402
TR-2
AD-641 604
AD-641 657
TR-2-0426
N66-32763
TR-22
AD-641 421
TR-2486
AD-155 422
TR-34
AD-641 848
TR-4
AD-641 915
TR-448
AD-641 325
TR-5
AD-641 916
TR-5-5-0
AD-406 277
TR-503
AD-641 362
TR-505-1
AD-641 372
TR-507
AD-641 404
TR-5205-1
AD-442 497
TR-59
AD-641 800
TR-6
AD-641 917
TR-64
AD-641 709
TR-65-2
AD-463 787
TR-65-210-10
AD-455 096
TR-65090
AD-466 587
TR-65250
AD-483 292
TR-6558-9
PB-173 482
TR-66-105
AD-641 745
TR-66-13
N66-38755
TR-66-2
AD-481 737
TR-66-42
AD-641 354
TR-66084
AD-641 719
TR-66184
AD-641 307
TR-66185
AD-641 308
TR-66211
AD-641 715
TR-6751-1
AD-443 844
TR-6773-1
AD-455 745
TR-7
AD-641 497
AD-641 918
TR-76
AD-641 935
TR-8
AD-641 324
AD-641 651
AD-641 919
TR-80
AD-641 934
TR-81
AD-641 397
TR-813-5
PB-173 174
TR-82
PB-173 442
TR-83
AD-641 398
TR-9
AD-641 920
TR62-209J
AD-294 466
TT-64-13921
AD-641 751
TT-65-63080
AD-641 425
TT-66-51019
N66-33526
TT-66-62025
N66-38177
TT-66-62544
AD-641 304
TT-66-62545
AD-641 339
TT-66-62547
AD-641 424
TT-66-62549
AD-641 426
TT-66-62550
AD-641 427
TT-66-62551
AD-641 602
TT-66-62564
AD-641 649
TT-66-62565
AD-641 650
TT-66-62575
AD-641 747
TT-66-62576
AD-641 748
TT-66-62577
AD-641 749
TT-66-62578
AD-641 750
TT-66-62580
AD-641 752
TT-66-62581
AD-641 753
TT-66-62582
AD-641 754
TT-66-62583
AD-641 755
TT-66-62584
AD-641 756
TT-66-62585
AD-641 757
TT-66-62586
AD-641 717
TT-66-62587
AD-641 856
TT-66-62588
AD-641 863
TT-66-62589
AD-641 865
TT-66-62590
AD-641 866
TT-66-62591
AD-641 876
TT-66-62592
AD-641 892
TT-66-62593
AD-641 932
TT-66-62594
AD-641 930
TT-66-62595
AD-641 976
T-7-C
N66-38177
UACRL-E-920243-27
N66-38497
UNH-66-4
N66-37998
USAMRL-662
AD-641 415
USAMRL-663
AD-641 416
USAMRL-664
AD-641 418
USAMRL-665
AD-641 417
USA-NLABS-TR-67-29-CM
AD-641 496
USA-NLABS-TR-67-8-CM,
AD-641 433
USNRDL-TRC-53
AD-641 654
USNRDL-TRC-78
AD-641 913
USNRDL-TR-1049
AD-641 480
USNRDL-TR-1060
AD-641 481
USNRDL-TR-1079
AD-641 664
USNRDL-TR-410
AD-236 207
USNRDL-TR-861
AD-467 464
AD-467 464
UTIAS-98
AD-448 845
VESIAC BULL-44
AD-641 906
VOY-CR-66-6
N66-32965
WADD-TR-60-475-PT-2-SUPPL-1
AD-641 382
WAED-65.52E
N66-32924
WB-TM-FCST-5
PB-173 426
WB-TN-41-EDL-1
PB-173 427
WDL-TR2133
N66-32705
WDL-TR3007
N66-38787
WGD-38531
N66-33435
WMOI-REF-66-38
AD-255 169
WMOI-REF-66-47
AD-641 334
WMOI-REF-66-51
AD-641 976
WMOI-REF-66-53
AD-641 743
WMOI-REF-66-58

5J T66 24 HCS 1.00 MFS 0.50

20L T66 24 HCS 1.00 MFS 0.50
5J T66 24 HCS 3.00 MFS 0.50

5J T66 24 HCS 2.00 MFS 0.50

5J T66 24 HCS 1.00 MFS 0.50

8G T66 24 HCS 3.00 MFS 0.75

20A T66 24 HCS 4.00 MFS 0.75
11B T66 24 HCS 2.00 MFS 0.50

9A S04 19 HCS 2.00 MFS 0.50

6C T66 24

7C U41 24 HCS 1.60

7D T66 24 HCS 2.00 MFS 0.50

20L T66 24 HCS 1.00 MFS 0.50

17B T66 24 HCS 3.00 MFS 0.75

20L T66 24 HCS 1.00 MFS 0.50

13J U41 24 HCS 8.60

9E T66 24 HCS 1.00 MFS 0.50

13J T66 24 HCS 3.00 MFS 0.50

22C T66 24 HCS 1.00 MFS 0.50

20H U41 24 HCS 9.60

12A T66 24 HCS 2.00 MFS 0.50

20L T66 24 HCS 1.00 MFS 0.50

13J T66 24 HCS 4.00 MFS 0.75

15F U41 24 HCS 3.00

11G U41 24 HCS 1.00

8N U41 24 HCS 1.00 MFS 0.50

20D U41 24 HCS 3.60 MFS 0.50

9E U41 24 HCS 1.00 MFS 0.50

9B T66 24 HCS 1.00 MFS 0.50

11F S04 23 HCS 2.00 MFS 0.50

5I U41 24 HCS 2.00 MFS 0.50

13H T66 24 HCS 1.00 MFS 0.50

17G T66 24 HCS 2.00 MFS 0.50

11H T66 24 HCS 1.00 MFS 0.50

7D T66 24 HCS 1.00 MFS 0.50

4A T66 24 HCS 1.00 MFS 0.50

8D U41 24 HCS 10.60

9B U41 24 HCS 3.00

20K T66 24 HCS 2.00 MFS 0.50
20L T66 24 HCS 1.00 MFS 0.50

12B T66 24 HCS 2.00 MFS 0.50

11B T66 24 HCS 3.00 MFS 0.50
12A T66 24 HCS 1.00 MFS 0.50
9A T66 24 HCS 1.00 MFS 0.50

12A T66 24 HCS 2.00 MFS 0.50

12A T66 24 HCS 1.00 MFS 0.50

5E U41 24 HCS 1.60 MFS 0.50

12A U41 24 HCS 1.00 MFS 0.50

12A T66 24 HCS 1.00 MFS 0.50

9A T66 24 HCS 1.00 MFS 0.50

20I U41 24 HCS 4.60

6A T66 24 HCS 1.00 MFS 0.50

6A T66 24 HCS 1.00 MFS 0.50

3B S04 19 HCS 4.00 MFS 1.00

8E S04 23 HCS 1.00 MFS 0.50

10B T66 24 MFS 0.75

9A T66 24 HCS 3.00 MFS 0.75

6C T66 24 HCS 1.00 MFS 0.50

6A T66 24 HCS 1.00 MFS 0.50

6E T66 24 HCS 1.00 MFS 0.50

21B T66 24 HCS 3.00 MFS 0.75

20K T66 24 HCS 1.00 MFS 0.50

3A T66 24 HCS 3.00 MFS 0.75

6F T66 24 HCS 1.00 MFS 0.50

6C T66 24 HCS 2.00 MFS 0.50

6D T66 24 HCS 1.00 MFS 0.50

6C T66 24 HCS 1.00 MFS 0.50

6D T66 24 HCS 1.00 MFS 0.50

6E T66 24 HCS 4.00 MFS 1.00

8G T66 24 HCS 1.00 MFS 0.50

3C T66 24 HCS 1.00 MFS 0.50

8F T66 24 HCS 1.00 MFS 0.50

8E T66 24 HCS 1.00 MFS 0.50

17J T66 24 HCS 2.00 MFS 0.50

20D T66 24 HCS 1.00 MFS 0.50

7D T66 24 HCS 1.00 MFS 0.50

22C T66 24 HCS 1.00 MFS 0.50

21B T66 24 HCS 1.00 MFS 0.50

20E T66 24 HCS 1.00 MFS 0.50

21H T66 24 HCS 2.00 MFS 0.50

11F T66 24 HCS 1.00 MFS 0.50

11F T66 24 HCS 1.00 MFS 0.50

8J T66 24 HCS 2.00 MFS 0.50

8E S04 23 HCS 1.00 MFS 0.50

20I S04 23 HCS 3.00 MFS 0.75

4A S04 23 HCS 4.00 MFS 0.75

6P T66 24

6C T66 24

6S T66 24

5J T66 24

11E T66 24 HCS 4.00 MFS 0.75

11E T66 24 HCS 4.00 MFS 0.75

6H T66 24 HCS 3.00 MFS 0.75

18D T66 24 HCS 4.00 MFS 0.75

18H T66 24 HCS 4.00 MFS 0.75

18C T66 24 HCS 2.00 MFS 0.50

13J T66 24 HCS 2.00 MFS 0.50

18C U41 24 HCS 5.60

20H U41 24 HCS 4.60 MFS 0.50
20H U41 24 HCS 4.60 MFS 0.50

20K U41 24 HCS 3.00

8K T66 24 HCS 1.00 MFS 0.50

13H S04 19 HCS 2.00 MFS 0.50

20D T66 24 HCS 1.00 MFS 0.50

13H S04 19 HCS 3.75 MFS 1.25

4B U41 24 HCS 1.00 MFS 0.50

4B U41 24 HCS 3.00 MFS 0.75

22B S04 19 HCS 3.00 MFS 0.75

17I S04 23 HCS 3.00 MFS 0.75

9A S04 19 HCS 1.00 MFS 0.50

19H U41 24 HCS 14.00

8J T66 24 HCS 3.00 MFS 0.50

8J T66 24 HCS 2.00 MFS 0.50

7D T66 24

AD-641 742 8J T66 24
WIS-TCI-180
N66-37904 7D S04 23 HC$ 1.00 MF$ 0.50
WIS-TCI-71
N66-33380 20J S04 19 HC$ 2.00 MF$ 0.50
WIS-TCI-72
N66-33420 20J S04 19 HC$ 1.00 MF$ 0.50
WIS-TCI-73
N66-33174 20J S04 19 HC$ 1.00 MF$ 0.50
WRE-CPD-1965/12/W/
N66-37784 4A S04 23 HC$ 2.00 MF$ 0.50
WRM-67-8
AD-641 964 5I T66 24 HC$ 3.00 MF$ 0.75
WR-66-17
N66-38727 1A S04 23 HC$ 3.00 MF$ 0.75
X-542-65-445
N66-37813 9B S04 23 HC$ 1.00 MF$ 0.50
X-543-66-263
N66-33503 22C S04 19 HC$ 3.00 MF$ 0.75
X-611-66-303
N66-33491 20B S04 19 HC$ 3.75 MF$ 1.50
X-721-66-98
N66-33502 16D S04 19 HC$ 2.00 MF$ 0.50
03-66-98
AD-641 613 9A T66 24 HC$ 3.00 MF$ 0.50
0342
PB-173 488 11B U41 24 HC$ 3.00 MF$ 0.75
0390
PB-173 489 13B U41 24 HC$ 2.00 MF$ 0.50
05031-11-I
PB-173 464 20D U41 24 HC$ 3.00 MF$ 0.50
0511
PB-173 421 13B U41 24 HC$ 2.00 MF$ 0.50
0525
PB-173 417 13B U41 24 HC$ 3.00 MF$ 0.75
0571
PB-173 362 13B U41 24 HC$ 2.60 MF$ 0.50
0605
PB-173 411 13C U41 24 HC$ 3.00 MF$ 0.75
0613
PB-173 419 15E U41 24 HC$ 8.60 MF$ 2.25
0630
PB-173 491 13C U41 24 HC$ 2.00 MF$ 0.50
0648
PB-173 493 13B U41 24 HC$ 2.00 MF$ 0.50
1015
AD-88 698 14B U41 24 HC$ 42.60
102-F
AD-286 698 10B U41 24 HC$ 10.60
1667-4
AD-641 609 7C T66 24 HC$ 1.00 MF$ 0.50
1743-TR
AD-413 927 19A U41 24 HC$ 4.60
1845
AD-61 585 13M U41 24 HC$ 2.60
1878
AD-641 697 19A T66 24 HC$ 3.00 MF$ 0.75
2099-928003
AD-641 610 1C T66 24 HC$ 5.00 MF$ 1.00
29660001
AD-641 988 4B T66 24 HC$ 1.00 MF$ 0.50
3-88
AD-450 669 20K U41 24 HC$ 6.00
305-65
AD-455 918 19G U41 24 HC$ 5.00
3485-66
AD-481 611 9E U41 24 HC$ 3.00 MF$ 0.75
3537-66
AD-485 171 9E U41 24 HC$ 2.00 MF$ 0.50
4559-66R
AD-641 419 21D T66 24 HC$ 6.00 MF$ 1.50
48-1F
PB-173 368 11G U41 24 HC$ 8.60 MF$ 0.75
5715-58
AD-205 742 13J U41 24 HC$ 1.60
624101
AD-641 355 17I T66 24 HC$ 2.00 MF$ 0.50
65-24
AD-641 515 6P T66 24
66-12
AD-641 700 15E T66 24 HC$ 3.00 MF$ 0.75
66-9E3-113-P3
AD-641 848 7D T66 24 HC$ 2.00 MF$ 0.50
67-89
AD-641 564 5B T66 24 HC$ 3.00 MF$ 0.75
7671-217
PB-173 423 4B U41 24 HC$ 4.00 MF$ 0.75
85-35
AD-641 439 20D T66 24 HC$ 2.00 MF$ 0.50
8644-6002-RU-000
AD-641 509 3B T66 24 HC$ 6.00 MF$ 1.50
99900-6045-T000

U. S. DEPARTMENT OF COMMERCE FIELD OFFICES
PROVIDE READY ACCESS TO COMMERCE SERVICES

- The Department of Commerce maintains Field Offices in the cities listed below for the purpose of providing ready access to the reports, publications, and services of the Business and Defense Services Administration, Bureau of International Commerce, Clearinghouse for Federal Scientific and Technical Information, Office of Business Economics, and the Bureau of the Census. Information on activities of the National Bureau of Standards, Patent Office, and the Economic Development Administration is also available.
- Experienced personnel will gladly assist in the solution of specific problems, explain the scope and meaning of regulations administered by the Department, and provide practical assistance in the broad field of domestic and foreign commerce. Field offices act as official sales agents of the Superintendent of Documents and stock a wide range of official Government publications relating to business. Each office maintains an extensive business reference library containing periodicals, directories, publications, and reports from official as well as private sources.
- Approximately 600 Chambers of Commerce, Manufacturers Associations, and similar business groups are official Cooperative Offices of the Department where many of the basic publications and reports of the Department are on file and available for consultation. If specific information is not on hand in the Cooperative Office, your problem will be referred to the nearest Department field office.
- These facilities have been established to assist you. You are invited to use them.

FOREIGN TRADE

Tariff Rates of Foreign Countries on Specific American Products
Regulations Bearing on the Control of Exchange Abroad
Administration of Regulations Imposing Import Quotas and the Details of Import Licensing Procedures in Overseas Markets
Facts on Economic and Trade Conditions
Business Information on Foreign Firms
Documentation of Export and Import Shipments, Both Here and Abroad
Statistical Data on Both Imported and Exported Products
Assistance on Export Regulations and Problems, Including Prompt Special Service in Emergency Situations
Trade Investment and Licensing Opportunities
Foreign Lists of Buyers and Suppliers

DOMESTIC TRADE

Population Count and Characteristics
Housing Statistics
Detailed Agricultural Data on County Basis
Retail, Wholesale and Service Business
Estimates on Population Movements
National Income Statistics
Regional Trends in United States Economy
Biennial Volume on Business Statistics
Current Releases and Business Indicators
Research Sources on Market Potentials
Development and Maintenance of Markets
Reports on Governmental and Private Technical Research
Regional and Community Development Techniques
Information on Government Procurement, Sales and Contracts

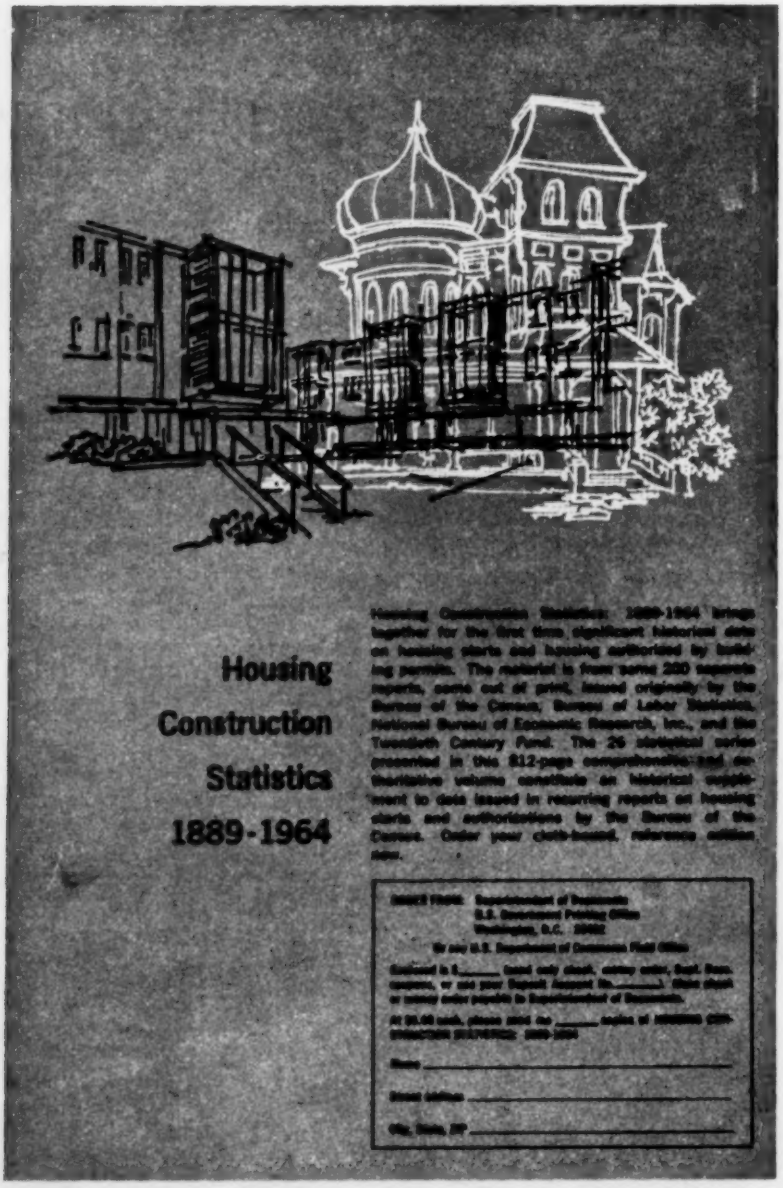
Department Field Offices

Albuquerque, N. Mex., 87101, U.S. Courthouse. 247-0311.
Anchorage, Alaska, 99501, 306 Loussac-Sogn Building. Phone: 272-6331.
Atlanta, Ga., 30303, 75 Forsyth Street, N.W. 526-6000.
Baltimore, Md., 21202, 305 U.S. Customhouse, Gay and Lombard Streets. Phone: PLaza 2-8460.
Birmingham, Ala., 35205, Suite 200-201, 908 South 20th Street. Phone: 325-3327.
Boston, Mass., 02110, Room 230, 80 Federal Street. CApitol 3-2312.
Buffalo, N.Y., 14203, 504 Federal Building, 117 Ellicott Street. Phone: 842-3208.
Charleston, S.C., 29403, Federal Building, Suite 631, 334 Meeting Street. Phone: 747-4171.
Charleston, W. Va., 25301, 3002 New Federal Office Building, 500 Quarrier Street. Phone: 343-6196.
Cheyenne, Wyo., 82001, 6022 Federal Building, 2120 Capitol Avenue. Phone: 634-5920.
Chicago, Ill., 60604, 1486 New Federal Building, 219 South Dearborn Street. Phone: 828-4400.
Cincinnati, Ohio, 45202, 8028 Federal Office Building, 550 Main Street. Phone: 684-2944.
Cleveland, Ohio, 44101, 4th Floor, Federal Reserve Bank Bldg., East 6th St. & Superior Ave. Phone: 241-7900.
Dallas, Tex., 75202, Room 1200, 1114 Commerce Street. RIverside 9-3287.
Denver, Colo., 80202, 16407 Federal Building, 20th and Stout Street. Phone: 297-3246.
Des Moines, Iowa, 50309, 1216 Paramount Building, 509 Grand Avenue. Phone: 284-4222.
Detroit, Mich., 48226, 445 Federal Bldg. 226-6088.
Greensboro, N.C., 27402, 412 U.S. Post Office Building. Phone: 275-9111.
Hartford, Conn., 06103, 18 Asylum St. Phone: 244-3530.
Honolulu, Hawaii, 96813, 202 International Savings Bldg., 1022 Bethel Street. Phone: 588977.
Houston, Tex., 77002, 5102 Federal Bldg., 515 Rusk Ave. Phone: 228-0611.
Jacksonville, Fla., 32202, 512 Greenleaf Building, 208 Laura Street. Phone: 354-7111.
Kansas City, Mo., 64106, Room 2011, 911 Walnut Street. FRanklin 4-3141.
Los Angeles, Calif., 90015, Room 450, Western Pacific Building, 1031 S. Broadway. Phone: 688-2833.
Memphis, Tenn., 38103, 345 Federal Office Building, 167 North Main Street. Phone: 534-3214.
Miami, Fla., 33130, 928 Federal Office Bldg., 51 S.W. First Avenue. Phone: 350-5267
Milwaukee, Wis., 53203, Straus Bldg., 238 W. Wisconsin Avenue. Phone: BR 2-8600.
Minneapolis, Minn., 55401, 306 Federal Building, 110 South Fourth Street. Phone: 334-2133.
New Orleans, La., 70130, 909 Federal Office Building (South), 610 South Street. Phone: 527-6546.
New York, N.Y., 10001, 61st Fl., Empire State Bldg., 350 Fifth Avenue. LOngacre 3-3377.
Philadelphia, Pa., 19107, Jefferson Building, 1015 Chestnut Street. Phone: 597-2850.
Phoenix, Ariz., 85025, 5413 New Federal Building, 230 N. First Avenue. Phone: 261-3285.
Pittsburgh, Pa., 15222, Room 2201, Federal Building, 1000 Liberty Avenue. Phone: 644-2850.
Portland, Oreg., 97204, 217 Old U.S. Courthouse, 520 S.W. Morrison Street. Phone: 226-3361.
Reno, Nev., 89502, 2028 Federal Building, 300 Booth Street. Phone: 784-5203.
Richmond, Va., 23240, 2105 Federal Building, 400 North 8th Street. Phone: 649-3611.
St. Louis, Mo., 63103, 2511 Federal Building, 1520 Market Street. MAin 2-4243.
Salt Lake City, Utah, 84111, 3235 Federal Building, 125 South State Street. Phone: 524-5116.
San Francisco, Calif., 94102, Federal Building, Box 36013. 450 Golden Gate Avenue. Phone: 556-5864.
Santurce, Puerto Rico, 00907, Room 628, 605 Condado Avenue. Phone: 723-4640.
Savannah, Ga., 31402, 235 U.S. Courthouse and Post Office Bldg., 125-29 Bull Street. Phone: 232-4321.
Seattle, Wash., 98104, 809 Federal Office Bldg., 909 First Avenue. 583-5615.

U.S. DEPARTMENT OF COMMERCE
CLEARINGHOUSE FOR FEDERAL
SCIENTIFIC AND TECHNICAL INFORMATION
SPRINGFIELD, VA. 22151

OFFICIAL BUSINESS

POSTAGE AND FEES PAID
U.S. DEPARTMENT OF COMMERCE



MIAMI UNIVERSITY LIBRARY